



FMC Corporation
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Philadelphia, PA 19103
USA

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April 7, 2016

SENT VIA: ELECTRONIC MAIL AND US MAIL

Mr. Charlie Root
Remedial Project Manager
U.S. Environmental Protection Agency
Hazardous Site Cleanup Division, 3HS23
1650 Arch Street
Philadelphia, PA 19103

**RE: QUARTERLY PROGRESS REPORT FOR THE AVTEX FIBERS SUPERFUND SITE FOR THE PERIOD
1 JANUARY TO 31 MARCH 2016**

Dear Mr. Root,

FMC Corporation (FMC) has enclosed one clipped copy of the Quarterly Progress Report for remedial activities undertaken by FMC at the Avtex Fibers Superfund Site, Front Royal, Virginia (Site). This Quarterly progress report addresses the reporting requirements in 1999 Consent Decree between the United States of America and FMC Corporation to conduct removal and remedial actions. In accordance with Section XI, Paragraph 45 of the Consent Decree, FMC has prepared this progress report to describe actions taken pursuant to the Consent Decree during the previous quarter.

If you have any questions or comments, please call me at 215-299-6047.

Sincerely,

Brian McGinnis
EHS, Remediation Manager

Enclosure (1)

cc: M. Carpenter, FMC
M. Payne, B. Kiracofe, VADEQ
S. Curran, Gannett Fleming
H. Philip, Parsons

**QUARTERLY PROGRESS REPORT
for the Avtex Fibers Superfund Site, Front Royal, Virginia
for the Period January 1 to March 31, 2016**

1.0

INTRODUCTION

FMC Corporation (FMC) has conducted removal and remedial activities at the Avtex Fibers Superfund Site, Front Royal, Virginia (Site). The removal action, remedial design, and remedial action activities were performed pursuant to the 1999 Consent Decree between the United States of America and FMC Corporation (effective 21 October 1999).

On August 29, 2014, USEPA issued a document titled, "Superfund Preliminary Close-out Report," which documented construction completion at the Site. The completion of construction at the Site marked its transition into the O&M phase. Full-scale operations and maintenance were achieved when the Groundwater and Leachate Treatment Plant (GLTP) began operating in continuous biological mode in September 2015. During the September 8, 2014 monthly call between EPA and FMC, EPA agreed that the former monthly progress reporting for the site could be reduced to quarterly during O&M phase as specified in paragraph 45 in Consent Decree. In accordance with Section XI, Paragraph 45 of the Consent Decree, FMC has prepared this progress report to describe actions taken pursuant to both the Areas of Concern (AOC) and Consent Decree during the months of January, February, and March 2016.

This report includes progress towards full completion of removal and remedial activities, and follows formatting consistent with previous reports. Daily operations and maintenance activities will be ongoing and will follow requirements in the Site-Wide O&M Plan (FMC, May 2015), which will include the Operations and Maintenance Manual Groundwater and Leachate Treatment Plant (Parsons, December 2014), and the Operations, Maintenance and Monitoring Manual Groundwater and Leachate Extraction System (to be submitted as final 1st Q2016) with any major deviations reported in the sections below. The Site-Wide O&M Plan replaces prior response action specific O&M Plans, such as those presented in the various design documents.

In accordance with Section XI of the Consent Decree, this quarterly progress report contains the following:

- Description of actions taken during the previous quarter;
- Summary of data generated by FMC during the previous quarter;

- Actions scheduled for the next quarter;
- Description of problems and actions taken to mitigate the problems;
- Update on the schedule of actions and percentage completion of tasks;
- Modification to the Work Plans or other schedules; and
- Activities undertaken in support of the EPA Community Relations Plan.

Attachment 1 lists correspondence and deliverables transmitted from FMC or FMC contractors to EPA, and from EPA or EPA contractors to FMC for the previous quarter.

The remainder of the quarterly progress report is divided into six sections (these sections will be removed and updated when actions are completed for the section):

- *Section 2.0 – OU-7/ROD 5 RD/RA.* This section describes remedial design and remedial action activities being conducted under Paragraph 23 in the Consent Decree. The units covered under OU-7 include Viscose Basins (VB) 9-11, site-wide ground water and surface water.
- *Section 3.0 – OU-10/ROD 4 RD/RA.* This section describes remedial design and remedial action activities being conducted under Paragraph 24 in the Consent Decree. The units covered under OU-10 include VB 1-8, the New Landfill, Wastewater Treatment Plant (WWTP) Closure, and Plant Area Soils.
- *Section 4.0 - Non-Time-Critical Removal Actions (NTCRA) for the Buildings.* This section describes the activities being conducted under Paragraph 21.A in the Consent Decree. The scope of the NTCRA-Buildings project is to decontaminate the remaining structures and remove the sewers and manholes.
- *Section 5.0 - Basin Closure.* This section describes the activities being conducted as a NTCRA under Paragraph 22 of the Consent Decree. The scope of this action consists of the closure of the Sulfate Basins, WWTP Basins, Fly Ash Basins, and the Stockpile (Mountain).
- *Section 6.0 – Groundwater and Leachate Treatment Plant O&M.* This section describes the Operations and Maintenance (O&M) activities being conducted to address the discharge requirements for the GLTP.
- *Section 7.0 - Other Site Support Documents.* This section describes site-wide activities that cross over all of management units.
- *Section 8.0 – Community Relations Support.* This section describes activities undertaken in support of community relations in accordance with the Consent Decree requirement.

2.0 OU-7/ROD 5 (VB 9-11, GROUND WATER, SURFACE WATER) REMEDIAL DESIGN/REMEDIAL ACTION

2.1 Actions Taken and Reports Prepared in Previous Period

- Completed quarterly water level measurements as described in Section 2 of the GMP.
- Completed quarterly inspection as described in Section 5 of Part 1 of the Site-Wide O&M Plan.
- Completed quarterly monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan.
- Completed quarterly post-closure OU-7 and site perimeter real time air monitoring as required by Section 2.2 of the Air Monitoring Plan Operable Unit 7, Avtex Fibers Superfund Site, Front Royal, Virginia, October 2011. Hydrogen sulfide was detected at the instrument detection limit of 1 part per billion (ppb) at two locations (OU-7 Perimeter South and the Site Perimeter East). No other constituents were detected. The results are presented in Attachment 2.
- Collected the stormwater samples in accordance with Appendix O of the OU-7 Remedial Design during qualifying storm event. A report describing the results is being prepared.
- Submitted the annual O&M Report for 2015 on March 30th, 2016
- Submitted the annual groundwater monitoring report for 2014
- As proposed in the 28 May 2014 report titled *Results of the Sampling and Analysis of Stormwater Derived from Closed OU-10 Viscose Basins 1-3, 7-8 and New Landfill*, collected stormwater samples from three locations during a qualifying storm event for analysis of total suspended solids (TSS), and reported the results to EPA.

2.2 Data Generated in Previous Period

Laboratory results have been received for the stormwater sampling and the data are currently being validated. Laboratory results have been received for the annual groundwater sampling and the data are currently being evaluated. The annual groundwater results will be presented in the site-wide annual monitoring report.

As required by the Air Monitoring Plan, post construction quarterly air monitoring for hydrogen sulfide and organic vapor was completed. A map showing the sample locations is provided in Attachment 2.

The following instruments were utilized to collect the real-time readings:

- Hydrogen Sulfide: Jerome 613X.
- Organic Vapor: MiniRAE 3000

Hydrogen sulfide was detected at the instrument detection limit of 1 part per billion (ppb) at two locations (OU-7 Perimeter South and the Site Perimeter East). No other constituents were detected. The results are presented in Attachment 2.

2.3 *Actions to be Completed Next Period*

- Complete quarterly water level measurements as described in Section 2 of the GMP.
- Complete quarterly inspection as described in Section 5 of Part 1 of the Site-Wide O&M Plan.
- Complete quarterly monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan.
- Complete quarterly post-closure OU-7 and site perimeter real time air monitoring and collect annual air samples as required by Section 2.2 of the Air Monitoring Plan Operable Unit 7, Avtex Fibers Superfund Site, Front Royal, Virginia, October 2011.
- Submit to EPA the ICIAP pursuant to Section 11.2.10 of the ROD.

2.4 *Problems Encountered and Remedies*

No problems were encountered during the previous period.

2.5 *Schedule Update*

All remedial design and remedial action work associated with OU-7 is complete based on EPA's approvals of the remedial action reports for the GLTP component and Viscose Basins 9-11 cap system and groundwater and leachate extraction component of OU-7.

3.0 OU-10/ROD 4 (VB 1-8, NEW LANDFILL, PLANT AREA SOILS AND WWTP CLOSURE) REMEDIAL DESIGN/REMEDIAL ACTION

3.1 *Actions Taken and Reports Prepared in Previous Period*

- Completed routine monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan.
- Completed quarterly inspection as described in Section 5 of Part 1 of the Site-Wide O&M Plan.

3.2 *Data Generated in Previous Period*

Laboratory results have been received for the annual groundwater sampling and the data are currently being validated. The results will be presented in the annual monitoring report.

3.3 *Actions to be Completed Next Period*

- Address any EPA or VADEQ comments to the 30 December 2014 report titled *Screening Level Ecological Assessment for Plant Area Soils*.
- Complete routine monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan.
- Complete quarterly inspection as described in Section 5 of Part 1 of the Site-Wide O&M Plan.

3.4 Problems Encountered and Remedies

No problems were encountered during the previous period.

3.5 *Schedule Update*

All remedial design and remedial action work associated with OU-10 is complete based on EPA's approvals of the remedial action reports for plant area soils, WWTP and VB 1-8 and New Landfill.

4.0 NON-TIME-CRITICAL REMOVAL ACTIONS (NTCRA) BUILDINGS

4.1 *Actions Taken and Reports Prepared in Previous Period*

- Completed quarterly inspection as described in Section 5 of Part 1 of the Site-Wide O&M Plan.

- Completed mowing of the New Landfill and Viscose Basins 1-8 on March 1st through March 8th.

4.2 *Data Generated in Previous Period*

No new analytical data were generated during the previous month.

4.3 *Actions to be Completed Next Period*

- No actions will be completed during the next period because EPA issued a Certificate of Completion.

4.4 *Problems Encountered and Remedies*

No problems were encountered during the previous month.

4.5 *Schedule Update*

All removal action work associated with NTCRA-Buildings is complete.

5.0 *NON-TIME-CRITICAL REMOVAL ACTIONS (NTCRA) - BASIN CLOSURE*

5.1 *Actions Taken and Reports Prepared in Previous Period*

- Completed quarterly inspection as described in Section 5 of Part 1 of the Site-Wide O&M Plan.
- Completed routine monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan

5.2 *Data Generated in Previous Period*

Laboratory results have been received for the annual groundwater sampling and the data are currently being evaluated. The results will be presented in the annual monitoring report.

5.3 *Actions to be Completed Next Period*

- Complete quarterly inspection as described in Section 5 of Part 1 of the Site-Wide O&M Plan.
- Complete routine monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan

5.4 Problems Encountered and Remedies

No problems were encountered during the previous month.

5.5 Schedule Update

All removal action work associated with NTCRA-Basins is complete.

6.0 GROUNDWATER AND LEACHATE TREATMENT PLANT O&M

6.1 Actions Taken and Reports Prepared in Previous Period

- The GLTP operated and discharged to the South Fork Shenandoah River (River) for 91 days in from January 1 to March 31, 2016.

Discharge Monitoring

Discharge monitoring was completed as required by the July 24, 2014 VADEQ final Fact Sheet and Applicable or Relevant and Appropriate Requirements (ARARs) for the discharge of effluent from the GLTP. Discharge monitoring included: flow, pH, TSS, BOD₅, and carbon disulfide. The daily and monthly flow and chemical data are listed in the Discharge Monitoring Reports (DMRs) submitted during the first quarter of 2016 provided in Attachment 3 and summarized below. We remain in the trouble shooting of operations and stabilization period.

Table 1.0 Summary of 1Q16 Effluent Sampling

	Permitted Limits	January 2016 (month avg/daily max)	February 2016 (month avg/daily max)	March 2016 (month avg/daily max)
Flow(gpd)	0.396 MGD	0.044/0.079	0.049/0.077	0.050/0.075
pH (range)	6.5 – 9.0	7.03-7.84	7.16-7.85	6.28-8.99
TSS (mg/L)	40 / 130	11.9/16.3	9.83/13.0	7.5/11
BOD₅ (mg/L)	24 / 64	4.0/5.0	3.0/5.0	3.6/5.0
CS2 (ug/L)	No limit established. 0.1mg/l action level	<QL	<QL	<QL

*Where parameters non-detect, the value '0' was used for calculating average and maximum concentrations.

- *Flow.* Flow during discharge was monitored continuously. Additionally, flow rates for the lift stations, test wells and viscose basins for the months of January, February and March are provided in Table 3.2 (Attachment 3).
- *pH.* pH was monitored continuously during the days that discharge occurred. The pH monitoring results for each month are included in Attachment 3 with the monthly DMRs. The effluent pH was within the range of 6.5 to 9.0 specified in the ARARs.
- *TSS.* TSS was monitored weekly. The permitted monthly daily average limit for TSS of 40 mg/l and the permitted monthly maximum daily limit of 130 mg/l for TSS were not exceeded during this reporting period.
- *BOD₅.* BOD₅ was monitored weekly. The permitted monthly daily average limit for BOD₅ of 24 mg/l and the permitted monthly maximum daily limit of 64 mg/l for BOD₅ were not exceeded during this reporting period.
- *Carbon Disulfide.* Carbon Disulfide is monitored monthly and no limit is established in the ARARs. The results for the monthly sample collected in the first quarter of 2016 was less than the 0.1 mg/l monthly action level specified in the ARARs, as all results were non-detect with a reporting limit of 2.0 ug/l.

Rainfall Data

Table 3.1 (Attachment 3) shows that a total of 4.4 inches of precipitation fell on the Site during the first quarter 2016 (Jan., Feb., Mar.). The total precipitation for 2016 to-date is 4.4 inches, representing to-date 11% of the average Site total yearly precipitation (39.6 inches).

6.2

Data Generated in Previous Period

Discharge monitoring, rainfall data and flow totals for the lift stations, test wells and viscose basin are contained in Attachment 3. DMRs were submitted by the tenth of each month.

6.3

Actions to be Taken Next Period

- Continue GLTP startup and operate the GLTP biological system in continuous mode.
- Conduct the Whole Effluent Toxicity sampling per the ARARs (to meet at least one of the Applicability Criteria for a Facility to Perform

Aquatic Toxicity Tests stipulated in Guidance Memorandum 00-2012
(Section IV.1.C))

6.4 *Problems Encountered and Remedies*

The pH effluent probe was replaced in March due to failure and inconsistencies.

6.5 *Schedule Update*

The GLTP will continue to operate in full continuous mode.

7.0 *OTHER SITE SUPPORT DOCUMENTS*

7.1 *Actions Taken and Reports Prepared in Previous Period*

- Quarterly inspections (e.g. seep areas, river berms, gas vents, etc.) and inspection reports completed.
- Carbon and media changeout completed at the GLTP. This was the first time completing these efforts since startup in full continuous mode.

7.2 *Actions to be Taken Next Period*

- Quarterly inspections (e.g. seep areas, river berms, gas vents, etc.) and inspection reports to be completed.

8.0 *COMMUNITY RELATIONS SUPPORT*

- No activity during the previous period.

ATTACHMENTS

- 1 Summary of Monthly Correspondence
- 2 OU-7 and Site Perimeter Air Monitoring Results
- 3 GLTP Discharge Monitoring and Information
Discharge Monitoring Reports, 1 January to 31 March 2016

Table 3.1 – Site Rainfall Data

Table 3.2 - Monthly Flow Totals Avtex Site Lift Stations, Test Wells and Viscose Basin

4 Preliminary Site-Wide Quarterly Inspection (with repairs photo log)

Attachment 1
Summary of Quarterly
Correspondence

ATTACHMENT 1 – LIST OF CORRESPONDENCE AND DELIVERABLES FOR THE PERIOD JANUARY 1, 2016 TO MARCH 31, 2016, AVTEX FIBERS SUPERFUND SITE, FRONT ROYAL, VIRGINIA

FMC to EPA

February 19, 2016. 204 Annual Site-Wide Groundwater, Surface Water, and Sediment Monitoring Report for OU-7, OU-10, and NTCRA Basins submitted to EPA

March 30, 2016. 4Q15 Quarterly Progress Report submitted to EPA.

March 30, 2016. 2015 Annual Site-Wide Operations and Maintenance (O&M) Report submitted to EPA

FMC to VADEQ

January 13, 2016. Discharge Monitoring Report - December 2015 submitted to VADEQ and EPA

February 10, 2016. Discharge Monitoring Report - January 2016 submitted to VADEQ and EPA

March 14, 2016. Discharge Monitoring Report – February 2016 submitted to VADEQ and EPA

Attachment 2

*OU-7 and Site Perimeter Air
Monitoring Results*

FIGURE 1
AIR MONITORING LOCATIONS
DURING OU-7 WORK
AVTEX FIBERS SUPERFUND SITE
FRONT ROYAL, VIRGINIA



Table 4 - Example Air Monitoring Form

Date:

Technician:

3/8/16
M. Robins + H. Lipomi

Gas Monitoring Devices:

Jerome 631X (low-level H₂S)
MiniRAE PLUS with 10.6 eV lamp
CS2 Drager with qualitative ppm tube
MiniRAE PLUS with LEL

Used (Y/N)	Calibrated (Y/N)	Date Calibrated	Initials
Y	Y	1/6/16	Factor
Y	Y	3/8/16	M6R
N			
N			

Air Samples Collected?

yes

no

Weather Conditions:

Precipitation (current) rain snow sleet mix other None
 light moderate heavy
 Temperature (current) 77
 Wind Direction (blowing from) N NE E SE variable WSW
 Approximate Wind Speed 6 mph
 Cloud Cover clear lt. clouds overcast foggy
 Barometric Pressure 30.13 inches

Monitoring Location	Time	H ₂ S (ppm)	Organic (ppm)	CS2 (ppm)	Methane (%LEL)	Comments
OU-7 Perimeter				NA	NA	
N	1524	0.000	0.0			
NE	1521	0.000	0.0			
SE	1533	0.000	0.0			
S	1329	0.001	0.0			
SW	1327	0.000	0.0			
NW	1525	0.000	0.0			
Site Perimeter W	1545	0.000	0.0			
N	1538	0.000	0.0			
NE	1602	0.000	0.0			
E	1558	0.001	0.0			
SE	1554	0.000	0.0			
S	1557	0.000	0.0			
SW	1548	0.000	0.0			
NW	1542	0.000	0.0			
Downwind (note location _____)	NA	NA	NA			

Summarize activities occurring on-site
that might relate to air emissions:

Attachment 3

*GLTP Discharge Monitoring and
Information*



Transmitted via Email

FMC Corporation
1735 Market Street
Philadelphia, PA 19103
USA

215.299.6000
fmc.com

February 10, 2016

Department of Environmental Quality - CO
Office of Remediation Program
P.O. Box 1105
Richmond, VA 23218

Re: Submission of Discharge Monitoring Report – January 2016
Avtex Fibers Superfund Site
Front Royal, Virginia

Dear Ms Payne:

In accordance with the Applicable or Relevant and Appropriate Requirements (ARARs) and Fact Sheet provided July 22, 2014, FMC Corporation (FMC) is submitting the Discharge Monitoring Report (DMR) for the month of January 2016. The permit is for the discharge from the Groundwater and Leachate Treatment Plant (GLTP) located at 404 Kendrick Lane, Front Royal, VA. Analysis of effluent concentrations yielded results within the allowable limits for all parameters.

Please do not hesitate to call if there are any questions.

Sincerely,

FMC Corporation

Brian M. McGinnis, P.E.
Manager, Environmental Remediation

cc: via Email
Brandon Kiracofe, DEQ
Kate Lose, USEPA
Heather Philip, Parsons

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)										OMB No. 2040-004							
NAME:	Avtex Fibers			NA			004			DMR MAILING ZIP CODE:							
ADDRESS:	404 Kendrick Lane			PERMIT NUMBER			DISCHARGE NUMBER			23218							
Front Royal, VA 22630									DESCRIPTION:								
MONITORING PERIOD										GLTP EFFLUENT (OUTFALL 004)							
FACILITY:	AVTEX FIBERS			YEAR	MO	DAY	YEAR	MO	DAY	External Outfall							
LOCATION:	FRONT ROYAL, VA			FROM	16	01	TO	16	01	31	No Discharge						
ATTN:																	
PARAMETER				QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE					
				VALUE	VALUE	UNITS	VALUE	VALUE	VALUE				UNITS				
FLOW	SAMPLE MEASUREMENT		0.044	0.079	MGD	*****	*****	*****		0	CONTINUOUS	TIRE					
00056 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	REPORT MONTHLY AV	REPORT DAILY MAX			*****	*****	*****				CONTINUOUS	TIRE				
PH	SAMPLE MEASUREMENT	*****	*****		7.0	*****	7.8	SU	0	CONTINUOUS	GRAB						
00400 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****		6.5	MINIMUM	*****		9.0		CONTINUOUS	GRAB					
BOD, 5-DAY	SAMPLE MEASUREMENT	0.63	1.11	kg/d	*****	4.0	5.0	mg/L	0	1/7	8 HC						
00318 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	36	96		*****	24	64		DAILY MX		1/7	8 HC					
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	1.91	3.77	kg/d	*****	11.93	16.30	mg/L	0	1/7	8 HC						
03603 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	60	190		*****	40	130		DAILY MX		1/7	8 HC					
CARBON DISULFIDE	SAMPLE MEASUREMENT	<QL	<QL	kg/d	*****	<QL	<QL	mg/L	0	1/30	8 HC						
77041 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	NL MONTHLY AV	NL DAILY MAX		*****	NL MONTHLY AV	NL DAILY MX				1/30	8 HC					
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						TELEPHONE			DATE					
Robert T. Forbes																	
Director EHS Remediation/Governance																	
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE			215 299-6260					
COMMENT AND EXPLANATION OF ANY VIOLATIONS			(Reference all attachments here)						OFFICER OR AUTHORIZED AGENT			AREA	NUMBER	YEAR	MO	DAY	
Attachment: pH compliance monitoring summary (monthly)																	
Carbon disulfide: No limit established; monitored monthly; 0.1 mg/L action level																	
EPA Form 3320-1 (Rev 01/06) Previous editions may be used.															PAGE	1 OF 10	

Avtex Fibers
 Front Royal, VA
 Outfall 004
 January 2016 DMR

pH Calculations:

Date And Time	pH	Date And Time	pH	Date And Time	pH
1/1/2016 12:00 AM	7.26	1/2/2016 12:00 AM	7.39	1/3/2016 12:00 AM	7.40
1/1/2016 12:15 AM		1/2/2016 12:15 AM	7.39	1/3/2016 12:15 AM	7.37
1/1/2016 12:30 AM		1/2/2016 12:30 AM	7.38	1/3/2016 12:30 AM	7.37
1/1/2016 12:45 AM	7.39	1/2/2016 12:45 AM	7.38	1/3/2016 12:45 AM	7.36
1/1/2016 1:00 AM	7.39	1/2/2016 1:00 AM	7.38	1/3/2016 1:00 AM	7.36
1/1/2016 1:15 AM	7.39	1/2/2016 1:15 AM	7.37	1/3/2016 1:15 AM	7.35
1/1/2016 1:30 AM	7.39	1/2/2016 1:30 AM	7.39	1/3/2016 1:30 AM	7.36
1/1/2016 1:45 AM	7.38	1/2/2016 1:45 AM	7.37	1/3/2016 1:45 AM	7.40
1/1/2016 2:00 AM	7.38	1/2/2016 2:00 AM	7.36	1/3/2016 2:00 AM	7.42
1/1/2016 2:15 AM	7.37	1/2/2016 2:15 AM	7.35	1/3/2016 2:15 AM	7.43
1/1/2016 2:30 AM	7.37	1/2/2016 2:30 AM	7.36	1/3/2016 2:30 AM	7.43
1/1/2016 2:45 AM	7.36	1/2/2016 2:45 AM	7.35	1/3/2016 2:45 AM	7.42
1/1/2016 3:00 AM	7.36	1/2/2016 3:00 AM	7.28	1/3/2016 3:00 AM	7.42
1/1/2016 3:15 AM	7.33	1/2/2016 3:15 AM	7.36	1/3/2016 3:15 AM	7.41
1/1/2016 3:30 AM	7.32	1/2/2016 3:30 AM	7.40	1/3/2016 3:30 AM	7.40
1/1/2016 3:45 AM	7.32	1/2/2016 3:45 AM	7.42	1/3/2016 3:45 AM	7.39
1/1/2016 4:00 AM	7.31	1/2/2016 4:00 AM	7.42	1/3/2016 4:00 AM	7.39
1/1/2016 4:15 AM	7.31	1/2/2016 4:15 AM	7.42	1/3/2016 4:15 AM	7.38
1/1/2016 4:30 AM	7.27	1/2/2016 4:30 AM	7.40	1/3/2016 4:30 AM	7.40
1/1/2016 4:45 AM	7.33	1/2/2016 4:45 AM	7.40	1/3/2016 4:45 AM	7.37
1/1/2016 5:00 AM	7.37	1/2/2016 5:00 AM	7.39	1/3/2016 5:00 AM	7.37
1/1/2016 5:15 AM	7.38	1/2/2016 5:15 AM	7.39	1/3/2016 5:15 AM	7.36
1/1/2016 5:30 AM	7.38	1/2/2016 5:30 AM	7.38	1/3/2016 5:30 AM	7.35
1/1/2016 5:45 AM	7.38	1/2/2016 5:45 AM	7.37	1/3/2016 5:45 AM	7.35
1/1/2016 6:00 AM	7.38	1/2/2016 6:00 AM	7.40	1/3/2016 6:00 AM	7.36
1/1/2016 6:15 AM	7.38	1/2/2016 6:15 AM	7.36	1/3/2016 6:15 AM	7.40
1/1/2016 6:30 AM	7.36	1/2/2016 6:30 AM	7.36	1/3/2016 6:30 AM	7.42
1/1/2016 6:45 AM	7.36	1/2/2016 6:45 AM	7.35	1/3/2016 6:45 AM	7.42
1/1/2016 7:00 AM	7.36	1/2/2016 7:00 AM	7.35	1/3/2016 7:00 AM	7.41
1/1/2016 7:15 AM	7.35	1/2/2016 7:15 AM	7.34	1/3/2016 7:15 AM	7.41
1/1/2016 7:30 AM	7.37	1/2/2016 7:30 AM	7.30	1/3/2016 7:30 AM	7.41
1/1/2016 7:45 AM	7.34	1/2/2016 7:45 AM	7.37	1/3/2016 7:45 AM	7.40
1/1/2016 8:00 AM	7.33	1/2/2016 8:00 AM	7.40	1/3/2016 8:00 AM	7.39
1/1/2016 8:15 AM	7.32	1/2/2016 8:15 AM	7.41	1/3/2016 8:15 AM	7.38
1/1/2016 8:30 AM	7.31	1/2/2016 8:30 AM	7.40	1/3/2016 8:30 AM	7.36
1/1/2016 8:45 AM	7.30	1/2/2016 8:45 AM	7.38	1/3/2016 8:45 AM	7.35
1/1/2016 9:00 AM	7.35	1/2/2016 9:00 AM	7.37	1/3/2016 9:00 AM	7.35
1/1/2016 9:15 AM	7.37	1/2/2016 9:15 AM	7.35	1/3/2016 9:15 AM	7.32
1/1/2016 9:30 AM	7.37	1/2/2016 9:30 AM	7.33	1/3/2016 9:30 AM	7.31
1/1/2016 9:45 AM	7.37	1/2/2016 9:45 AM	7.32	1/3/2016 9:45 AM	7.30
1/1/2016 10:00 AM	7.38	1/2/2016 10:00 AM	7.31	1/3/2016 10:00 AM	7.28
1/1/2016 10:15 AM	7.36	1/2/2016 10:15 AM	7.32	1/3/2016 10:15 AM	7.29
1/1/2016 10:30 AM	7.36	1/2/2016 10:30 AM	7.37	1/3/2016 10:30 AM	7.30
1/1/2016 10:45 AM	7.35	1/2/2016 10:45 AM	7.33	1/3/2016 10:45 AM	7.35
1/1/2016 11:00 AM	7.34	1/2/2016 11:00 AM	7.33	1/3/2016 11:00 AM	7.38

1/1/2016 11:15 AM	7.33	1/2/2016 11:15 AM	7.31	1/3/2016 11:15 AM	7.37
1/1/2016 11:30 AM	7.33	1/2/2016 11:30 AM	7.29	1/3/2016 11:30 AM	7.36
1/1/2016 11:45 AM	7.32	1/2/2016 11:45 AM	7.27	1/3/2016 11:45 AM	7.34
1/1/2016 12:00 PM	7.36	1/2/2016 12:00 PM	7.31	1/3/2016 12:00 PM	7.33
1/1/2016 12:15 PM	7.33	1/2/2016 12:15 PM	7.33	1/3/2016 12:15 PM	7.33
1/1/2016 12:30 PM	7.31	1/2/2016 12:30 PM	7.34	1/3/2016 12:30 PM	7.32
1/1/2016 12:45 PM	7.32	1/2/2016 12:45 PM	7.34	1/3/2016 12:45 PM	7.32
1/1/2016 1:00 PM	7.31	1/2/2016 1:00 PM	7.34	1/3/2016 1:00 PM	7.32
1/1/2016 1:15 PM	7.30	1/2/2016 1:15 PM	7.32	1/3/2016 1:15 PM	7.29
1/1/2016 1:30 PM	7.26	1/2/2016 1:30 PM	7.32	1/3/2016 1:30 PM	7.31
1/1/2016 1:45 PM	7.32	1/2/2016 1:45 PM	7.30	1/3/2016 1:45 PM	7.27
1/1/2016 2:00 PM	7.35	1/2/2016 2:00 PM	7.29	1/3/2016 2:00 PM	7.27
1/1/2016 2:15 PM	7.37	1/2/2016 2:15 PM	7.30	1/3/2016 2:15 PM	7.27
1/1/2016 2:30 PM	7.37	1/2/2016 2:30 PM	7.31	1/3/2016 2:30 PM	7.22
1/1/2016 2:45 PM	7.36	1/2/2016 2:45 PM	7.31	1/3/2016 2:45 PM	7.28
1/1/2016 3:00 PM	7.36	1/2/2016 3:00 PM	7.35	1/3/2016 3:00 PM	7.33
1/1/2016 3:15 PM	7.35	1/2/2016 3:15 PM	7.32	1/3/2016 3:15 PM	7.34
1/1/2016 3:30 PM	7.35	1/2/2016 3:30 PM	7.32	1/3/2016 3:30 PM	7.35
1/1/2016 3:45 PM	7.35	1/2/2016 3:45 PM	7.31	1/3/2016 3:45 PM	7.35
1/1/2016 4:00 PM	7.35	1/2/2016 4:00 PM	7.31	1/3/2016 4:00 PM	7.35
1/1/2016 4:15 PM	7.35	1/2/2016 4:15 PM	7.31	1/3/2016 4:15 PM	7.35
1/1/2016 4:30 PM	7.37	1/2/2016 4:30 PM	7.31	1/3/2016 4:30 PM	7.34
1/1/2016 4:45 PM	7.33	1/2/2016 4:45 PM	7.35	1/3/2016 4:45 PM	7.34
1/1/2016 5:00 PM	7.32	1/2/2016 5:00 PM	7.38	1/3/2016 5:00 PM	7.34
1/1/2016 5:15 PM	7.32	1/2/2016 5:15 PM	7.39	1/3/2016 5:15 PM	7.35
1/1/2016 5:30 PM	7.32	1/2/2016 5:30 PM	7.39	1/3/2016 5:30 PM	7.35
1/1/2016 5:45 PM	7.32	1/2/2016 5:45 PM	7.38	1/3/2016 5:45 PM	7.34
1/1/2016 6:00 PM	7.32	1/2/2016 6:00 PM	7.38	1/3/2016 6:00 PM	7.36
1/1/2016 6:15 PM	7.34	1/2/2016 6:15 PM	7.38	1/3/2016 6:15 PM	7.34
1/1/2016 6:30 PM	7.38	1/2/2016 6:30 PM	7.37	1/3/2016 6:30 PM	7.34
1/1/2016 6:45 PM	7.40	1/2/2016 6:45 PM	7.38	1/3/2016 6:45 PM	7.34
1/1/2016 7:00 PM	7.40	1/2/2016 7:00 PM	7.37	1/3/2016 7:00 PM	7.34
1/1/2016 7:15 PM	7.40	1/2/2016 7:15 PM	7.37	1/3/2016 7:15 PM	7.34
1/1/2016 7:30 PM	7.39	1/2/2016 7:30 PM	7.37	1/3/2016 7:30 PM	7.31
1/1/2016 7:45 PM	7.38	1/2/2016 7:45 PM	7.36	1/3/2016 7:45 PM	7.37
1/1/2016 8:00 PM	7.37	1/2/2016 8:00 PM	7.35	1/3/2016 8:00 PM	7.40
1/1/2016 8:15 PM	7.37	1/2/2016 8:15 PM	7.35	1/3/2016 8:15 PM	7.42
1/1/2016 8:30 PM	7.36	1/2/2016 8:30 PM	7.36	1/3/2016 8:30 PM	7.42
1/1/2016 8:45 PM	7.36	1/2/2016 8:45 PM	7.35	1/3/2016 8:45 PM	7.41
1/1/2016 9:00 PM	7.38	1/2/2016 9:00 PM	7.35	1/3/2016 9:00 PM	7.41
1/1/2016 9:15 PM	7.35	1/2/2016 9:15 PM	7.35	1/3/2016 9:15 PM	7.40
1/1/2016 9:30 PM	7.34	1/2/2016 9:30 PM	7.40	1/3/2016 9:30 PM	7.40
1/1/2016 9:45 PM	7.33	1/2/2016 9:45 PM	7.42	1/3/2016 9:45 PM	7.39
1/1/2016 10:00 PM	7.33	1/2/2016 10:00 PM	7.42	1/3/2016 10:00 PM	7.39
1/1/2016 10:15 PM	7.29	1/2/2016 10:15 PM	7.42	1/3/2016 10:15 PM	7.39
1/1/2016 10:30 PM	7.35	1/2/2016 10:30 PM	7.42	1/3/2016 10:30 PM	7.40
1/1/2016 10:45 PM	7.38	1/2/2016 10:45 PM	7.41	1/3/2016 10:45 PM	7.37
1/1/2016 11:00 PM	7.40	1/2/2016 11:00 PM	7.41	1/3/2016 11:00 PM	7.36
1/1/2016 11:15 PM	7.40	1/2/2016 11:15 PM	7.40	1/3/2016 11:15 PM	7.36
1/1/2016 11:30 PM	7.40	1/2/2016 11:30 PM	7.39	1/3/2016 11:30 PM	7.36
1/1/2016 11:45 PM	7.40	1/2/2016 11:45 PM	7.39	1/3/2016 11:45 PM	7.36

AVG

7.35

AVG

7.36

AVG

7.36

Note: No data recorded at 12:15 AM and 12:30 AM due to power outage, not included in calculations

Date And Time	pH	Date And Time	pH	Date And Time	pH
1/4/2016 12:00 AM	7.35	1/5/2016 12:00 AM	7.45	1/6/2016 12:00 AM	7.46
1/4/2016 12:15 AM	7.36	1/5/2016 12:15 AM	7.45	1/6/2016 12:15 AM	7.44
1/4/2016 12:30 AM	7.40	1/5/2016 12:30 AM	7.44	1/6/2016 12:30 AM	7.43
1/4/2016 12:45 AM	7.42	1/5/2016 12:45 AM	7.44	1/6/2016 12:45 AM	7.43
1/4/2016 1:00 AM	7.42	1/5/2016 1:00 AM	7.44	1/6/2016 1:00 AM	7.42
1/4/2016 1:15 AM	7.42	1/5/2016 1:15 AM	7.44	1/6/2016 1:15 AM	7.42
1/4/2016 1:30 AM	7.42	1/5/2016 1:30 AM	7.43	1/6/2016 1:30 AM	7.42
1/4/2016 1:45 AM	7.41	1/5/2016 1:45 AM	7.41	1/6/2016 1:45 AM	7.43
1/4/2016 2:00 AM	7.41	1/5/2016 2:00 AM	7.40	1/6/2016 2:00 AM	7.47
1/4/2016 2:15 AM	7.40	1/5/2016 2:15 AM	7.40	1/6/2016 2:15 AM	7.49
1/4/2016 2:30 AM	7.39	1/5/2016 2:30 AM	7.39	1/6/2016 2:30 AM	7.50
1/4/2016 2:45 AM	7.39	1/5/2016 2:45 AM	7.38	1/6/2016 2:45 AM	7.50
1/4/2016 3:00 AM	7.40	1/5/2016 3:00 AM	7.38	1/6/2016 3:00 AM	7.49
1/4/2016 3:15 AM	7.38	1/5/2016 3:15 AM	7.40	1/6/2016 3:15 AM	7.49
1/4/2016 3:30 AM	7.37	1/5/2016 3:30 AM	7.45	1/6/2016 3:30 AM	7.48
1/4/2016 3:45 AM	7.37	1/5/2016 3:45 AM	7.47	1/6/2016 3:45 AM	7.48
1/4/2016 4:00 AM	7.36	1/5/2016 4:00 AM	7.47	1/6/2016 4:00 AM	7.48
1/4/2016 4:15 AM	7.36	1/5/2016 4:15 AM	7.47	1/6/2016 4:15 AM	7.48
1/4/2016 4:30 AM	7.36	1/5/2016 4:30 AM	7.47	1/6/2016 4:30 AM	7.47
1/4/2016 4:45 AM	7.40	1/5/2016 4:45 AM	7.46	1/6/2016 4:45 AM	7.45
1/4/2016 5:00 AM	7.42	1/5/2016 5:00 AM	7.46	1/6/2016 5:00 AM	7.45
1/4/2016 5:15 AM	7.42	1/5/2016 5:15 AM	7.45	1/6/2016 5:15 AM	7.44
1/4/2016 5:30 AM	7.42	1/5/2016 5:30 AM	7.45	1/6/2016 5:30 AM	7.44
1/4/2016 5:45 AM	7.41	1/5/2016 5:45 AM	7.45	1/6/2016 5:45 AM	7.43
1/4/2016 6:00 AM	7.41	1/5/2016 6:00 AM	7.45	1/6/2016 6:00 AM	7.43
1/4/2016 6:15 AM	7.40	1/5/2016 6:15 AM	7.42	1/6/2016 6:15 AM	7.45
1/4/2016 6:30 AM	7.40	1/5/2016 6:30 AM	7.41	1/6/2016 6:30 AM	7.49
1/4/2016 6:45 AM	7.40	1/5/2016 6:45 AM	7.41	1/6/2016 6:45 AM	7.51
1/4/2016 7:00 AM	7.39	1/5/2016 7:00 AM	7.41	1/6/2016 7:00 AM	7.51
1/4/2016 7:15 AM	7.39	1/5/2016 7:15 AM	7.40	1/6/2016 7:15 AM	7.51
1/4/2016 7:30 AM	7.41	1/5/2016 7:30 AM	7.40	1/6/2016 7:30 AM	7.51
1/4/2016 7:45 AM	7.38	1/5/2016 7:45 AM	7.44	1/6/2016 7:45 AM	7.50
1/4/2016 8:00 AM	7.37	1/5/2016 8:00 AM	7.47	1/6/2016 8:00 AM	7.49
1/4/2016 8:15 AM	7.37	1/5/2016 8:15 AM	7.47	1/6/2016 8:15 AM	7.49
1/4/2016 8:30 AM	7.37	1/5/2016 8:30 AM	7.46	1/6/2016 8:30 AM	7.48
1/4/2016 8:45 AM	7.36	1/5/2016 8:45 AM	7.45	1/6/2016 8:45 AM	7.47
1/4/2016 9:00 AM	7.37	1/5/2016 9:00 AM	7.44	1/6/2016 9:00 AM	7.47
1/4/2016 9:30 AM	7.41	1/5/2016 9:15 AM	7.43	1/6/2016 9:15 AM	7.43
1/4/2016 9:45 AM	7.42	1/5/2016 9:30 AM	7.42	1/6/2016 9:30 AM	7.42
1/4/2016 10:00 AM	7.41	1/5/2016 9:45 AM	7.41	1/6/2016 9:45 AM	7.41
1/4/2016 10:15 AM	7.40	1/5/2016 10:00 AM	7.41	1/6/2016 10:00 AM	7.40
1/4/2016 10:30 AM	7.40	1/5/2016 10:15 AM	7.41	1/6/2016 10:15 AM	7.41
1/4/2016 10:45 AM	7.39	1/5/2016 10:30 AM	7.43	1/6/2016 10:30 AM	7.41
1/4/2016 11:00 AM	7.40	1/5/2016 10:45 AM	7.41	1/6/2016 10:45 AM	7.42
1/4/2016 11:15 AM	7.39	1/5/2016 11:00 AM	7.40	1/6/2016 11:00 AM	7.42
1/4/2016 11:30 AM	7.39	1/5/2016 11:15 AM	7.39	1/6/2016 11:15 AM	7.42
1/4/2016 11:45 AM	7.38	1/5/2016 11:30 AM	7.38	1/6/2016 11:30 AM	7.41
1/4/2016 12:00 PM	7.38	1/5/2016 11:45 AM	7.35	1/6/2016 11:45 AM	7.41
1/4/2016 12:15 PM	7.38	1/5/2016 12:00 PM	7.40	1/6/2016 12:00 PM	7.45
1/4/2016 12:30 PM	7.37	1/5/2016 12:15 PM	7.42	1/6/2016 12:15 PM	7.46
1/4/2016 12:45 PM	7.37	1/5/2016 12:30 PM	7.42	1/6/2016 12:30 PM	7.46
1/4/2016 1:00 PM	7.37	1/5/2016 12:45 PM	7.42	1/6/2016 12:45 PM	7.46
1/4/2016 1:15 PM	7.36	1/5/2016 1:00 PM	7.41	1/6/2016 1:00 PM	7.45
1/4/2016 1:30 PM	7.36	1/5/2016 1:15 PM	7.41	1/6/2016 1:15 PM	7.44
1/4/2016 1:45 PM	7.35	1/5/2016 1:30 PM	7.39	1/6/2016 1:30 PM	7.42

1/4/2016 2:00 PM	7.35	1/5/2016 1:45 PM	7.39	1/6/2016 1:45 PM	7.39
1/4/2016 2:15 PM	7.35	1/5/2016 2:00 PM	7.38	1/6/2016 2:00 PM	7.39
1/4/2016 2:30 PM	7.35	1/5/2016 2:15 PM	7.39	1/6/2016 2:15 PM	7.40
1/4/2016 2:45 PM	7.35	1/5/2016 2:30 PM	7.39	1/6/2016 2:30 PM	7.36
1/4/2016 3:00 PM	7.35	1/5/2016 2:45 PM	7.39	1/6/2016 2:45 PM	7.43
1/4/2016 3:15 PM	7.35	1/5/2016 3:00 PM	7.42	1/6/2016 3:00 PM	7.46
1/4/2016 3:30 PM	7.36	1/5/2016 3:15 PM	7.39	1/6/2016 3:15 PM	7.48
1/4/2016 3:45 PM	7.35	1/5/2016 3:30 PM	7.40	1/6/2016 3:30 PM	7.48
1/4/2016 4:00 PM	7.36	1/5/2016 3:45 PM	7.40	1/6/2016 3:45 PM	7.48
1/4/2016 4:15 PM	7.36	1/5/2016 4:00 PM	7.39	1/6/2016 4:00 PM	7.47
1/4/2016 4:30 PM	7.36	1/5/2016 4:15 PM	7.39	1/6/2016 4:15 PM	7.47
1/4/2016 4:45 PM	7.35	1/5/2016 4:30 PM	7.35	1/6/2016 4:30 PM	7.47
1/4/2016 5:00 PM	7.36	1/5/2016 4:45 PM	7.41	1/6/2016 4:45 PM	7.47
1/4/2016 5:15 PM	7.36	1/5/2016 5:00 PM	7.44	1/6/2016 5:00 PM	7.47
1/4/2016 5:30 PM	7.36	1/5/2016 5:15 PM	7.46	1/6/2016 5:15 PM	7.47
1/4/2016 5:45 PM	7.36	1/5/2016 5:30 PM	7.46	1/6/2016 5:30 PM	7.47
1/4/2016 6:00 PM	7.36	1/5/2016 5:45 PM	7.46	1/6/2016 5:45 PM	7.47
1/4/2016 6:15 PM	7.36	1/5/2016 6:00 PM	7.46	1/6/2016 6:00 PM	7.47
1/4/2016 6:30 PM	7.36	1/5/2016 6:15 PM	7.45	1/6/2016 6:15 PM	7.47
1/4/2016 6:45 PM	7.36	1/5/2016 6:30 PM	7.45	1/6/2016 6:30 PM	7.47
1/4/2016 7:00 PM	7.36	1/5/2016 6:45 PM	7.44	1/6/2016 6:45 PM	7.46
1/4/2016 7:15 PM	7.36	1/5/2016 7:00 PM	7.44	1/6/2016 7:00 PM	7.47
1/4/2016 7:30 PM	7.36	1/5/2016 7:15 PM	7.43	1/6/2016 7:15 PM	7.46
1/4/2016 7:45 PM	7.36	1/5/2016 7:30 PM	7.44	1/6/2016 7:30 PM	7.46
1/4/2016 8:00 PM	7.36	1/5/2016 7:45 PM	7.43	1/6/2016 7:45 PM	7.46
1/4/2016 8:15 PM	7.37	1/5/2016 8:00 PM	7.42	1/6/2016 8:00 PM	7.46
1/4/2016 8:30 PM	7.44	1/5/2016 8:15 PM	7.42	1/6/2016 8:15 PM	7.45
1/4/2016 8:45 PM	7.42	1/5/2016 8:30 PM	7.41	1/6/2016 8:30 PM	7.45
1/4/2016 9:00 PM	7.40	1/5/2016 8:45 PM	7.37	1/6/2016 8:45 PM	7.45
1/4/2016 9:15 PM	7.39	1/5/2016 9:00 PM	7.43	1/6/2016 9:00 PM	7.45
1/4/2016 9:30 PM	7.38	1/5/2016 9:15 PM	7.46	1/6/2016 9:15 PM	7.45
1/4/2016 9:45 PM	7.38	1/5/2016 9:30 PM	7.48	1/6/2016 9:30 PM	7.44
1/4/2016 10:00 PM	7.37	1/5/2016 9:45 PM	7.48	1/6/2016 9:45 PM	7.44
1/4/2016 10:15 PM	7.37	1/5/2016 10:00 PM	7.48	1/6/2016 10:00 PM	7.44
1/4/2016 10:30 PM	7.37	1/5/2016 10:15 PM	7.47	1/6/2016 10:15 PM	7.44
1/4/2016 10:45 PM	7.43	1/5/2016 10:30 PM	7.46	1/6/2016 10:30 PM	7.44
1/4/2016 11:00 PM	7.45	1/5/2016 10:45 PM	7.47	1/6/2016 10:45 PM	7.43
1/4/2016 11:15 PM	7.46	1/5/2016 11:00 PM	7.46	1/6/2016 11:00 PM	7.43
1/4/2016 11:30 PM	7.46	1/5/2016 11:15 PM	7.46	1/6/2016 11:15 PM	7.43
1/4/2016 11:45 PM	7.45	1/5/2016 11:30 PM	7.46	1/6/2016 11:30 PM	7.43
12/4/2015 11:45 PM	7.42	1/5/2016 11:45 PM	7.45	1/6/2016 11:45 PM	7.43

AVG

7.38

AVG

7.43

AVG

7.45

Date And Time	pH	Date And Time	pH	Date And Time	pH
1/7/2016 12:00 AM	7.43	1/8/2016 12:00 AM	7.61	1/9/2016 12:00 AM	7.56
1/7/2016 12:15 AM	7.43	1/8/2016 12:15 AM	7.60	1/9/2016 12:15 AM	7.55
1/7/2016 12:30 AM	7.43	1/8/2016 12:30 AM	7.58	1/9/2016 12:30 AM	7.55
1/7/2016 12:45 AM	7.42	1/8/2016 12:45 AM	7.60	1/9/2016 12:45 AM	7.54
1/7/2016 1:00 AM	7.42	1/8/2016 1:00 AM	7.63	1/9/2016 1:00 AM	7.50
1/7/2016 1:15 AM	7.42	1/8/2016 1:15 AM	7.64	1/9/2016 1:15 AM	7.56
1/7/2016 1:30 AM	7.42	1/8/2016 1:30 AM	7.67	1/9/2016 1:30 AM	7.59
1/7/2016 1:45 AM	7.42	1/8/2016 1:45 AM	7.66	1/9/2016 1:45 AM	7.60
1/7/2016 2:00 AM	7.42	1/8/2016 2:00 AM	7.66	1/9/2016 2:00 AM	7.60
1/7/2016 2:15 AM	7.42	1/8/2016 2:15 AM	7.66	1/9/2016 2:15 AM	7.60
1/7/2016 2:30 AM	7.42	1/8/2016 2:30 AM	7.69	1/9/2016 2:30 AM	7.59
1/7/2016 2:45 AM	7.42	1/8/2016 2:45 AM	7.70	1/9/2016 2:45 AM	7.58
1/7/2016 3:00 AM	7.41	1/8/2016 3:00 AM	7.71	1/9/2016 3:00 AM	7.58
1/7/2016 3:15 AM	7.41	1/8/2016 3:15 AM	7.72	1/9/2016 3:15 AM	7.57
1/7/2016 3:30 AM	7.41	1/8/2016 3:30 AM	7.72	1/9/2016 3:30 AM	7.56
1/7/2016 3:45 AM	7.41	1/8/2016 3:45 AM	7.74	1/9/2016 3:45 AM	7.55
1/7/2016 4:00 AM	7.41	1/8/2016 4:00 AM	7.75	1/9/2016 4:00 AM	7.55
1/7/2016 4:15 AM	7.41	1/8/2016 4:15 AM	7.71	1/9/2016 4:15 AM	7.54
1/7/2016 4:30 AM	7.41	1/8/2016 4:30 AM	7.73	1/9/2016 4:30 AM	7.56
1/7/2016 4:45 AM	7.41	1/8/2016 4:45 AM	7.74	1/9/2016 4:45 AM	7.53
1/7/2016 5:00 AM	7.41	1/8/2016 5:00 AM	7.75	1/9/2016 5:00 AM	7.53
1/7/2016 5:15 AM	7.41	1/8/2016 5:15 AM	7.76	1/9/2016 5:15 AM	7.53
1/7/2016 5:30 AM	7.41	1/8/2016 5:30 AM	7.77	1/9/2016 5:30 AM	7.48
1/7/2016 5:45 AM	7.41	1/8/2016 5:45 AM	7.78	1/9/2016 5:45 AM	7.53
1/7/2016 6:00 AM	7.41	1/8/2016 6:00 AM	7.79	1/9/2016 6:00 AM	7.56
1/7/2016 6:15 AM	7.41	1/8/2016 6:15 AM	7.78	1/9/2016 6:15 AM	7.57
1/7/2016 6:30 AM	7.41	1/8/2016 6:30 AM	7.79	1/9/2016 6:30 AM	7.57
1/7/2016 6:45 AM	7.41	1/8/2016 6:45 AM	7.80	1/9/2016 6:45 AM	7.57
1/7/2016 7:00 AM	7.41	1/8/2016 7:00 AM	7.80	1/9/2016 7:00 AM	7.57
1/7/2016 7:15 AM	7.41	1/8/2016 7:15 AM	7.84	1/9/2016 7:15 AM	7.56
1/7/2016 7:30 AM	7.39	1/8/2016 7:30 AM	7.82	1/9/2016 7:30 AM	7.56
1/7/2016 7:45 AM	7.37	1/8/2016 7:45 AM	7.80	1/9/2016 7:45 AM	7.55
1/7/2016 8:00 AM	7.37	1/8/2016 8:00 AM	7.79	1/9/2016 8:00 AM	7.55
1/7/2016 8:15 AM	7.38	1/8/2016 8:15 AM	7.78	1/9/2016 8:15 AM	7.54
1/7/2016 8:30 AM	7.39	1/8/2016 8:30 AM	7.78	1/9/2016 8:30 AM	7.54
1/7/2016 8:45 AM	7.36	1/8/2016 8:45 AM	7.78	1/9/2016 8:45 AM	7.53
1/7/2016 9:00 AM	7.36	1/8/2016 9:00 AM	7.77	1/9/2016 9:00 AM	7.54
1/7/2016 9:15 AM	7.39	1/8/2016 9:15 AM	7.76	1/9/2016 9:15 AM	7.52
1/7/2016 9:30 AM	7.49	1/8/2016 9:30 AM	7.75	1/9/2016 9:30 AM	7.51
1/7/2016 9:45 AM	7.44	1/8/2016 9:45 AM	7.75	1/9/2016 9:45 AM	7.51
1/7/2016 10:00 AM	7.41	1/8/2016 10:00 AM	7.75	1/9/2016 10:00 AM	7.51
1/7/2016 10:15 AM	7.40	1/8/2016 10:15 AM	7.74	1/9/2016 10:15 AM	7.50
1/7/2016 10:30 AM	7.40	1/8/2016 10:30 AM	7.73	1/9/2016 10:30 AM	7.49
1/7/2016 10:45 AM	7.40	1/8/2016 10:45 AM	7.73	1/9/2016 10:45 AM	7.48
1/7/2016 11:00 AM	7.40	1/8/2016 11:00 AM	7.72	1/9/2016 11:00 AM	7.52
1/7/2016 11:15 AM	7.35	1/8/2016 11:15 AM	7.72	1/9/2016 11:15 AM	7.55
1/7/2016 11:30 AM	7.41	1/8/2016 11:30 AM	7.71	1/9/2016 11:30 AM	7.55
1/7/2016 11:45 AM	7.44	1/8/2016 11:45 AM	7.70	1/9/2016 11:45 AM	7.55
1/7/2016 12:00 PM	7.44	1/8/2016 12:00 PM	7.70	1/9/2016 12:00 PM	7.54
1/7/2016 12:15 PM	7.37	1/8/2016 12:15 PM	7.69	1/9/2016 12:15 PM	7.53
1/7/2016 12:30 PM	7.36	1/8/2016 12:30 PM	7.69	1/9/2016 12:30 PM	7.52
1/7/2016 12:45 PM	7.34	1/8/2016 12:45 PM	7.48	1/9/2016 12:45 PM	7.51
1/7/2016 1:00 PM	7.33	1/8/2016 1:00 PM	7.46	1/9/2016 1:00 PM	7.51
1/7/2016 1:15 PM	7.33	1/8/2016 1:15 PM	7.45	1/9/2016 1:15 PM	7.51
1/7/2016 1:30 PM	7.38	1/8/2016 1:30 PM	7.44	1/9/2016 1:30 PM	7.51

1/7/2016 1:45 PM	7.40	1/8/2016 1:45 PM	7.43	1/9/2016 1:45 PM	7.48
1/7/2016 2:00 PM	7.41	1/8/2016 2:00 PM	7.43	1/9/2016 2:00 PM	7.47
1/7/2016 2:15 PM	7.42	1/8/2016 2:15 PM	7.43	1/9/2016 2:15 PM	7.47
1/7/2016 2:30 PM	7.43	1/8/2016 2:30 PM	7.43	1/9/2016 2:30 PM	7.47
1/7/2016 2:45 PM	7.44	1/8/2016 2:45 PM	7.42	1/9/2016 2:45 PM	7.47
1/7/2016 3:00 PM	7.44	1/8/2016 3:00 PM	7.43	1/9/2016 3:00 PM	7.47
1/7/2016 3:15 PM	7.44	1/8/2016 3:15 PM	7.44	1/9/2016 3:15 PM	7.42
1/7/2016 3:30 PM	7.43	1/8/2016 3:30 PM		1/9/2016 3:30 PM	7.48
1/7/2016 3:45 PM	7.44	1/8/2016 3:45 PM	7.49	1/9/2016 3:45 PM	7.52
1/7/2016 4:00 PM	7.44	1/8/2016 4:00 PM	7.51	1/9/2016 4:00 PM	7.54
1/7/2016 4:15 PM	7.43	1/8/2016 4:15 PM	7.52	1/9/2016 4:15 PM	7.54
1/7/2016 4:30 PM	7.45	1/8/2016 4:30 PM	7.52	1/9/2016 4:30 PM	7.54
1/7/2016 4:45 PM	7.41	1/8/2016 4:45 PM	7.52	1/9/2016 4:45 PM	7.54
1/7/2016 5:00 PM	7.41	1/8/2016 5:00 PM	7.47	1/9/2016 5:00 PM	7.53
1/7/2016 5:15 PM	7.40	1/8/2016 5:15 PM	7.47	1/9/2016 5:15 PM	7.53
1/7/2016 5:30 PM	7.39	1/8/2016 5:30 PM	7.47	1/9/2016 5:30 PM	7.52
1/7/2016 5:45 PM	7.40	1/8/2016 5:45 PM	7.48	1/9/2016 5:45 PM	7.52
1/7/2016 6:00 PM	7.45	1/8/2016 6:00 PM	7.47	1/9/2016 6:00 PM	7.51
1/7/2016 6:15 PM	7.47	1/8/2016 6:15 PM	7.48	1/9/2016 6:15 PM	7.49
1/7/2016 6:30 PM	7.47	1/8/2016 6:30 PM	7.47	1/9/2016 6:30 PM	7.49
1/7/2016 6:45 PM	7.48	1/8/2016 6:45 PM	7.47	1/9/2016 6:45 PM	7.48
1/7/2016 7:00 PM	7.48	1/8/2016 7:00 PM	7.48	1/9/2016 7:00 PM	7.48
1/7/2016 7:15 PM	7.47	1/8/2016 7:15 PM	7.47	1/9/2016 7:15 PM	7.48
1/7/2016 7:30 PM	7.47	1/8/2016 7:30 PM	7.52	1/9/2016 7:30 PM	7.48
1/7/2016 7:45 PM	7.47	1/8/2016 7:45 PM	7.55	1/9/2016 7:45 PM	7.43
1/7/2016 8:00 PM	7.48	1/8/2016 8:00 PM	7.53	1/9/2016 8:00 PM	7.50
1/7/2016 8:15 PM	7.47	1/8/2016 8:15 PM	7.52	1/9/2016 8:15 PM	7.54
1/7/2016 8:30 PM	7.48	1/8/2016 8:30 PM	7.52	1/9/2016 8:30 PM	7.55
1/7/2016 8:45 PM	7.49	1/8/2016 8:45 PM	7.51	1/9/2016 8:45 PM	7.55
1/7/2016 9:00 PM	7.50	1/8/2016 9:00 PM	7.51	1/9/2016 9:00 PM	7.55
1/7/2016 9:15 PM	7.50	1/8/2016 9:15 PM	7.52	1/9/2016 9:15 PM	7.54
1/7/2016 9:30 PM	7.49	1/8/2016 9:30 PM	7.52	1/9/2016 9:30 PM	7.54
1/7/2016 9:45 PM	7.48	1/8/2016 9:45 PM	7.51	1/9/2016 9:45 PM	7.53
1/7/2016 10:00 PM	7.49	1/8/2016 10:00 PM	7.52	1/9/2016 10:00 PM	7.53
1/7/2016 10:15 PM	7.50	1/8/2016 10:15 PM	7.53	1/9/2016 10:15 PM	7.53
1/7/2016 10:30 PM	7.51	1/8/2016 10:30 PM	7.52	1/9/2016 10:30 PM	7.52
1/7/2016 10:45 PM	7.52	1/8/2016 10:45 PM	7.52	1/9/2016 10:45 PM	7.49
1/7/2016 11:00 PM	7.53	1/8/2016 11:00 PM	7.55	1/9/2016 11:00 PM	7.49
1/7/2016 11:15 PM	7.55	1/8/2016 11:15 PM	7.59	1/9/2016 11:15 PM	7.48
1/7/2016 11:30 PM	7.54	1/8/2016 11:30 PM	7.60	1/9/2016 11:30 PM	7.48
1/7/2016 11:45 PM	7.55	1/8/2016 11:45 PM	7.63	1/9/2016 11:45 PM	7.48

AVG

7.43

AVG

7.62

AVG

7.53

Note: No data recorded at 3:30 PM due to power outage, not included in calculations.

Date And Time	pH	Date And Time	pH	Date And Time	pH
1/10/2016 12:00 AM	7.48	1/11/2016 12:00 AM	7.54	1/12/2016 12:00 AM	7.50
1/10/2016 12:15 AM	7.48	1/11/2016 12:15 AM	7.53	1/12/2016 12:15 AM	7.47
1/10/2016 12:30 AM	7.48	1/11/2016 12:30 AM	7.53	1/12/2016 12:30 AM	7.47
1/10/2016 12:45 AM	7.52	1/11/2016 12:45 AM	7.53	1/12/2016 12:45 AM	7.46
1/10/2016 1:00 AM	7.54	1/11/2016 1:00 AM	7.53	1/12/2016 1:00 AM	7.44
1/10/2016 1:15 AM	7.55	1/11/2016 1:15 AM	7.52	1/12/2016 1:15 AM	7.48
1/10/2016 1:30 AM	7.55	1/11/2016 1:30 AM	7.52	1/12/2016 1:30 AM	7.51
1/10/2016 1:45 AM	7.54	1/11/2016 1:45 AM	7.50	1/12/2016 1:45 AM	7.52
1/10/2016 2:00 AM	7.53	1/11/2016 2:00 AM	7.49	1/12/2016 2:00 AM	7.52
1/10/2016 2:15 AM	7.54	1/11/2016 2:15 AM	7.48	1/12/2016 2:15 AM	7.52
1/10/2016 2:30 AM	7.53	1/11/2016 2:30 AM	7.45	1/12/2016 2:30 AM	7.51
1/10/2016 2:45 AM	7.53	1/11/2016 2:45 AM	7.49	1/12/2016 2:45 AM	7.51
1/10/2016 3:00 AM	7.51	1/11/2016 3:00 AM	7.53	1/12/2016 3:00 AM	7.51
1/10/2016 3:15 AM	7.49	1/11/2016 3:15 AM	7.54	1/12/2016 3:15 AM	7.50
1/10/2016 3:30 AM	7.48	1/11/2016 3:30 AM	7.55	1/12/2016 3:30 AM	7.50
1/10/2016 3:45 AM	7.48	1/11/2016 3:45 AM	7.54	1/12/2016 3:45 AM	7.49
1/10/2016 4:00 AM	7.47	1/11/2016 4:00 AM	7.54	1/12/2016 4:00 AM	7.49
1/10/2016 4:15 AM	7.47	1/11/2016 4:15 AM	7.54	1/12/2016 4:15 AM	7.49
1/10/2016 4:30 AM	7.48	1/11/2016 4:30 AM	7.53	1/12/2016 4:30 AM	7.48
1/10/2016 4:45 AM	7.47	1/11/2016 4:45 AM	7.53	1/12/2016 4:45 AM	7.47
1/10/2016 5:00 AM	7.46	1/11/2016 5:00 AM	7.53	1/12/2016 5:00 AM	7.46
1/10/2016 5:15 AM	7.51	1/11/2016 5:15 AM	7.52	1/12/2016 5:15 AM	7.46
1/10/2016 5:30 AM	7.54	1/11/2016 5:30 AM	7.52	1/12/2016 5:30 AM	7.45
1/10/2016 5:45 AM	7.55	1/11/2016 5:45 AM	7.52	1/12/2016 5:45 AM	7.43
1/10/2016 6:00 AM	7.55	1/11/2016 6:00 AM	7.51	1/12/2016 6:00 AM	7.48
1/10/2016 6:15 AM	7.55	1/11/2016 6:15 AM	7.49	1/12/2016 6:15 AM	7.50
1/10/2016 6:30 AM	7.55	1/11/2016 6:30 AM	7.48	1/12/2016 6:30 AM	7.51
1/10/2016 6:45 AM	7.53	1/11/2016 6:45 AM	7.48	1/12/2016 6:45 AM	7.51
1/10/2016 7:00 AM	7.53	1/11/2016 7:00 AM	7.43	1/12/2016 7:00 AM	7.51
1/10/2016 7:15 AM	7.53	1/11/2016 7:15 AM	7.49	1/12/2016 7:15 AM	7.50
1/10/2016 7:30 AM	7.51	1/11/2016 7:30 AM	7.52	1/12/2016 7:30 AM	7.50
1/10/2016 7:45 AM	7.48	1/11/2016 7:45 AM	7.54	1/12/2016 7:45 AM	7.50
1/10/2016 8:00 AM	7.48	1/11/2016 8:00 AM	7.54	1/12/2016 8:00 AM	7.49
1/10/2016 8:15 AM	7.47	1/11/2016 8:15 AM	7.53	1/12/2016 8:15 AM	7.49
1/10/2016 8:30 AM	7.47	1/11/2016 8:30 AM	7.52	1/12/2016 8:30 AM	7.49
1/10/2016 8:45 AM	7.47	1/11/2016 8:45 AM	7.51	1/12/2016 8:45 AM	7.46
1/10/2016 9:00 AM	7.46	1/11/2016 9:00 AM	7.49	1/12/2016 9:00 AM	7.47
1/10/2016 9:15 AM	7.46	1/11/2016 9:15 AM	7.48	1/12/2016 9:15 AM	7.45
1/10/2016 9:30 AM	7.48	1/11/2016 9:30 AM	7.48	1/12/2016 9:30 AM	7.44
1/10/2016 9:45 AM	7.51	1/11/2016 9:45 AM	7.46	1/12/2016 9:45 AM	7.43
1/10/2016 10:00 AM	7.52	1/11/2016 10:00 AM	7.45	1/12/2016 10:00 AM	7.38
1/10/2016 10:15 AM	7.53	1/11/2016 10:15 AM	7.46	1/12/2016 10:15 AM	7.42
1/10/2016 10:30 AM	7.53	1/11/2016 10:30 AM	7.46	1/12/2016 10:30 AM	7.45
1/10/2016 10:45 AM	7.52	1/11/2016 10:45 AM	7.47	1/12/2016 10:45 AM	7.47
1/10/2016 11:00 AM	7.51	1/11/2016 11:00 AM	7.46	1/12/2016 11:00 AM	7.47
1/10/2016 11:15 AM	7.50	1/11/2016 11:15 AM	7.45	1/12/2016 11:15 AM	7.47
1/10/2016 11:30 AM	7.49	1/11/2016 11:30 AM	7.43	1/12/2016 11:30 AM	7.46
1/10/2016 11:45 AM	7.47	1/11/2016 11:45 AM	7.42	1/12/2016 11:45 AM	7.46
1/10/2016 12:00 PM	7.42	1/11/2016 12:00 PM	7.46	1/12/2016 12:00 PM	7.45
1/10/2016 12:15 PM	7.38	1/11/2016 12:15 PM	7.47	1/12/2016 12:15 PM	7.45
1/10/2016 12:30 PM	7.38	1/11/2016 12:30 PM	7.48	1/12/2016 12:30 PM	7.44
1/10/2016 12:45 PM	7.37	1/11/2016 12:45 PM	7.48	1/12/2016 12:45 PM	7.44
1/10/2016 1:00 PM	7.35	1/11/2016 1:00 PM	7.48	1/12/2016 1:00 PM	7.44
1/10/2016 1:15 PM	7.36	1/11/2016 1:15 PM	7.47	1/12/2016 1:15 PM	7.43
1/10/2016 1:30 PM	7.36	1/11/2016 1:30 PM	7.46	1/12/2016 1:30 PM	7.42

1/10/2016 1:45 PM	7.34	1/11/2016 1:45 PM	7.45	1/12/2016 1:45 PM	7.41
1/10/2016 2:00 PM	7.40	1/11/2016 2:00 PM	7.45	1/12/2016 2:00 PM	7.41
1/10/2016 2:15 PM	7.44	1/11/2016 2:15 PM	7.45	1/12/2016 2:15 PM	7.40
1/10/2016 2:30 PM	7.45	1/11/2016 2:30 PM	7.45	1/12/2016 2:30 PM	7.39
1/10/2016 2:45 PM	7.46	1/11/2016 2:45 PM	7.45	1/12/2016 2:45 PM	7.43
1/10/2016 3:00 PM	7.46	1/11/2016 3:00 PM	7.45	1/12/2016 3:00 PM	7.44
1/10/2016 3:15 PM	7.46	1/11/2016 3:15 PM	7.45	1/12/2016 3:15 PM	7.46
1/10/2016 3:30 PM	7.46	1/11/2016 3:30 PM	7.45	1/12/2016 3:30 PM	7.46
1/10/2016 3:45 PM	7.46	1/11/2016 3:45 PM	7.45	1/12/2016 3:45 PM	7.46
1/10/2016 4:00 PM	7.47	1/11/2016 4:00 PM	7.44	1/12/2016 4:00 PM	7.46
1/10/2016 4:15 PM	7.47	1/11/2016 4:15 PM	7.44	1/12/2016 4:15 PM	7.45
1/10/2016 4:30 PM	7.47	1/11/2016 4:30 PM	7.44	1/12/2016 4:30 PM	7.45
1/10/2016 4:45 PM	7.47	1/11/2016 4:45 PM	7.44	1/12/2016 4:45 PM	7.45
1/10/2016 5:00 PM	7.47	1/11/2016 5:00 PM	7.43	1/12/2016 5:00 PM	7.45
1/10/2016 5:15 PM	7.47	1/11/2016 5:15 PM	7.43	1/12/2016 5:15 PM	7.45
1/10/2016 5:30 PM	7.47	1/11/2016 5:30 PM	7.43	1/12/2016 5:30 PM	7.45
1/10/2016 5:45 PM	7.47	1/11/2016 5:45 PM	7.43	1/12/2016 5:45 PM	7.45
1/10/2016 6:00 PM	7.47	1/11/2016 6:00 PM	7.43	1/12/2016 6:00 PM	7.45
1/10/2016 6:15 PM	7.47	1/11/2016 6:15 PM	7.43	1/12/2016 6:15 PM	7.45
1/10/2016 6:30 PM	7.48	1/11/2016 6:30 PM	7.43	1/12/2016 6:30 PM	7.45
1/10/2016 6:45 PM	7.48	1/11/2016 6:45 PM	7.43	1/12/2016 6:45 PM	7.45
1/10/2016 7:00 PM	7.48	1/11/2016 7:00 PM	7.42	1/12/2016 7:00 PM	7.45
1/10/2016 7:15 PM	7.48	1/11/2016 7:15 PM	7.42	1/12/2016 7:15 PM	7.45
1/10/2016 7:30 PM	7.48	1/11/2016 7:30 PM	7.42	1/12/2016 7:30 PM	7.45
1/10/2016 7:45 PM	7.48	1/11/2016 7:45 PM	7.42	1/12/2016 7:45 PM	7.45
1/10/2016 8:00 PM	7.48	1/11/2016 8:00 PM	7.49	1/12/2016 8:00 PM	7.44
1/10/2016 8:15 PM	7.48	1/11/2016 8:15 PM	7.47	1/12/2016 8:15 PM	7.44
1/10/2016 8:30 PM	7.49	1/11/2016 8:30 PM	7.42	1/12/2016 8:30 PM	7.44
1/10/2016 8:45 PM	7.48	1/11/2016 8:45 PM	7.46	1/12/2016 8:45 PM	7.44
1/10/2016 9:00 PM	7.49	1/11/2016 9:00 PM	7.49	1/12/2016 9:00 PM	7.44
1/10/2016 9:15 PM	7.49	1/11/2016 9:15 PM	7.50	1/12/2016 9:15 PM	7.44
1/10/2016 9:30 PM	7.49	1/11/2016 9:30 PM	7.51	1/12/2016 9:30 PM	7.43
1/10/2016 9:45 PM	7.51	1/11/2016 9:45 PM	7.51	1/12/2016 9:45 PM	7.43
1/10/2016 10:00 PM	7.49	1/11/2016 10:00 PM	7.51	1/12/2016 10:00 PM	7.43
1/10/2016 10:15 PM	7.48	1/11/2016 10:15 PM	7.51	1/12/2016 10:15 PM	7.43
1/10/2016 10:30 PM	7.42	1/11/2016 10:30 PM	7.50	1/12/2016 10:30 PM	7.45
1/10/2016 10:45 PM	7.48	1/11/2016 10:45 PM	7.50	1/12/2016 10:45 PM	7.44
1/10/2016 11:00 PM	7.52	1/11/2016 11:00 PM	7.50	1/12/2016 11:00 PM	7.44
1/10/2016 11:15 PM	7.54	1/11/2016 11:15 PM	7.49	1/12/2016 11:15 PM	7.39
1/10/2016 11:30 PM	7.54	1/11/2016 11:30 PM	7.49	1/12/2016 11:30 PM	7.44
1/10/2016 11:45 PM	7.54	1/11/2016 11:45 PM	7.49	1/12/2016 11:45 PM	7.47

AVG

7.48

AVG

7.48

AVG

7.46

Date And Time	pH	Date And Time	pH	Date And Time	pH
1/13/2016 12:00 AM	7.50	1/14/2016 12:00 AM	7.48	1/15/2016 12:00 AM	7.44
1/13/2016 12:15 AM	7.50	1/14/2016 12:15 AM	7.48	1/15/2016 12:15 AM	7.43
1/13/2016 12:30 AM	7.50	1/14/2016 12:30 AM	7.48	1/15/2016 12:30 AM	7.41
1/13/2016 12:45 AM	7.50	1/14/2016 12:45 AM	7.47	1/15/2016 12:45 AM	7.40
1/13/2016 1:00 AM	7.50	1/14/2016 1:00 AM	7.47	1/15/2016 1:00 AM	7.39
1/13/2016 1:15 AM	7.49	1/14/2016 1:15 AM	7.47	1/15/2016 1:15 AM	7.44
1/13/2016 1:30 AM	7.49	1/14/2016 1:30 AM	7.48	1/15/2016 1:30 AM	7.46
1/13/2016 1:45 AM	7.48	1/14/2016 1:45 AM	7.45	1/15/2016 1:45 AM	7.47
1/13/2016 2:00 AM	7.48	1/14/2016 2:00 AM	7.45	1/15/2016 2:00 AM	7.47
1/13/2016 2:15 AM	7.48	1/14/2016 2:15 AM	7.44	1/15/2016 2:15 AM	7.47
1/13/2016 2:30 AM	7.48	1/14/2016 2:30 AM	7.42	1/15/2016 2:30 AM	7.46
1/13/2016 2:45 AM	7.47	1/14/2016 2:45 AM	7.46	1/15/2016 2:45 AM	7.45
1/13/2016 3:00 AM	7.48	1/14/2016 3:00 AM	7.49	1/15/2016 3:00 AM	7.44
1/13/2016 3:15 AM	7.46	1/14/2016 3:15 AM	7.50	1/15/2016 3:15 AM	7.44
1/13/2016 3:30 AM	7.45	1/14/2016 3:30 AM	7.50	1/15/2016 3:30 AM	7.43
1/13/2016 3:45 AM	7.45	1/14/2016 3:45 AM	7.50	1/15/2016 3:45 AM	7.43
1/13/2016 4:00 AM	7.44	1/14/2016 4:00 AM	7.49	1/15/2016 4:00 AM	7.42
1/13/2016 4:15 AM	7.45	1/14/2016 4:15 AM	7.49	1/15/2016 4:15 AM	7.42
1/13/2016 4:30 AM	7.49	1/14/2016 4:30 AM	7.48	1/15/2016 4:30 AM	7.43
1/13/2016 4:45 AM	7.51	1/14/2016 4:45 AM	7.48	1/15/2016 4:45 AM	7.41
1/13/2016 5:00 AM	7.51	1/14/2016 5:00 AM	7.48	1/15/2016 5:00 AM	7.41
1/13/2016 5:15 AM	7.51	1/14/2016 5:15 AM	7.47	1/15/2016 5:15 AM	7.41
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1/13/2016 6:30 AM	7.49	1/14/2016 6:30 AM	7.45	1/15/2016 6:30 AM	7.46
1/13/2016 6:45 AM	7.49	1/14/2016 6:45 AM	7.44	1/15/2016 6:45 AM	7.46
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1/13/2016 7:30 AM	7.49	1/14/2016 7:30 AM	7.48	1/15/2016 7:30 AM	7.44
1/13/2016 7:45 AM	7.47	1/14/2016 7:45 AM	7.50	1/15/2016 7:45 AM	7.45
1/13/2016 8:00 AM	7.46	1/14/2016 8:00 AM	7.50	1/15/2016 8:00 AM	7.45
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1/13/2016 8:45 AM	7.44	1/14/2016 8:45 AM	7.47	1/15/2016 8:45 AM	7.43
1/13/2016 9:00 AM	7.47	1/14/2016 9:00 AM	7.45	1/15/2016 9:00 AM	7.40
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1/13/2016 9:30 AM	7.49	1/14/2016 9:30 AM	7.41	1/15/2016 9:30 AM	7.37
1/13/2016 9:45 AM	7.48	1/14/2016 9:45 AM	7.39	1/15/2016 9:45 AM	7.36
1/13/2016 10:00 AM	7.48	1/14/2016 10:00 AM	7.38	1/15/2016 10:00 AM	7.31
1/13/2016 10:15 AM	7.48	1/14/2016 10:15 AM	7.39	1/15/2016 10:15 AM	7.36
1/13/2016 10:30 AM	7.48	1/14/2016 10:30 AM	7.41	1/15/2016 10:30 AM	7.40
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1/13/2016 11:30 AM	7.47	1/14/2016 11:30 AM	7.44	1/15/2016 11:30 AM	7.41
1/13/2016 11:45 AM	7.46	1/14/2016 11:45 AM	7.44	1/15/2016 11:45 AM	7.40
1/13/2016 12:00 PM	7.48	1/14/2016 12:00 PM	7.45	1/15/2016 12:00 PM	7.39
1/13/2016 12:15 PM	7.43	1/14/2016 12:15 PM	7.45	1/15/2016 12:15 PM	7.38
1/13/2016 12:30 PM	7.42	1/14/2016 12:30 PM	7.44	1/15/2016 12:30 PM	7.38
1/13/2016 12:45 PM	7.41	1/14/2016 12:45 PM	7.44	1/15/2016 12:45 PM	7.38
1/13/2016 1:00 PM	7.38	1/14/2016 1:00 PM	7.44	1/15/2016 1:00 PM	7.38
1/13/2016 1:15 PM	7.43	1/14/2016 1:15 PM	7.44	1/15/2016 1:15 PM	7.37
1/13/2016 1:30 PM	7.45	1/14/2016 1:30 PM	7.44	1/15/2016 1:30 PM	7.40

1/13/2016 1:45 PM	7.45	1/14/2016 1:45 PM	7.40	1/15/2016 1:45 PM	7.37
1/13/2016 2:00 PM	7.46	1/14/2016 2:00 PM	7.38	1/15/2016 2:00 PM	7.36
1/13/2016 2:15 PM	7.46	1/14/2016 2:15 PM	7.37	1/15/2016 2:15 PM	7.35
1/13/2016 2:30 PM	7.46	1/14/2016 2:30 PM	7.38	1/15/2016 2:30 PM	7.35
1/13/2016 2:45 PM	7.46	1/14/2016 2:45 PM	7.40	1/15/2016 2:45 PM	7.39
1/13/2016 3:00 PM	7.46	1/14/2016 3:00 PM	7.41	1/15/2016 3:00 PM	7.41
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1/13/2016 4:00 PM	7.45	1/14/2016 4:00 PM	7.43	1/15/2016 4:00 PM	7.42
1/13/2016 4:15 PM	7.44	1/14/2016 4:15 PM	7.43	1/15/2016 4:15 PM	7.42
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1/13/2016 10:30 PM	7.49	1/14/2016 10:30 PM	7.44	1/15/2016 10:30 PM	7.43
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1/13/2016 11:30 PM	7.49	1/14/2016 11:30 PM	7.44	1/15/2016 11:30 PM	7.39
1/13/2016 11:45 PM	7.49	1/14/2016 11:45 PM	7.46	1/15/2016 11:45 PM	7.43

AVG

7.47

AVG

7.46

AVG

7.42

Date And Time	pH	Date And Time	pH	Date And Time	pH
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1/16/2016 12:30 AM	7.45	1/17/2016 12:30 AM	7.43	1/18/2016 12:30 AM	7.38
1/16/2016 12:45 AM	7.45	1/17/2016 12:45 AM	7.43	1/18/2016 12:45 AM	7.37
1/16/2016 1:00 AM	7.45	1/17/2016 1:00 AM	7.43	1/18/2016 1:00 AM	7.33
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1/16/2016 1:30 AM	7.43	1/17/2016 1:30 AM	7.42	1/18/2016 1:30 AM	7.41
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1/16/2016 2:00 AM	7.44	1/17/2016 2:00 AM	7.38	1/18/2016 2:00 AM	7.44
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1/16/2016 2:45 AM	7.43	1/17/2016 2:45 AM	7.42	1/18/2016 2:45 AM	7.44
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1/16/2016 3:30 AM	7.39	1/17/2016 3:30 AM	7.44	1/18/2016 3:30 AM	7.43
1/16/2016 3:45 AM	7.38	1/17/2016 3:45 AM	7.43	1/18/2016 3:45 AM	7.43
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1/16/2016 5:30 AM	7.44	1/17/2016 5:30 AM	7.39	1/18/2016 5:30 AM	7.38
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1/16/2016 8:15 AM	7.37	1/17/2016 8:15 AM	7.42	1/18/2016 8:15 AM	7.44
1/16/2016 8:30 AM	7.33	1/17/2016 8:30 AM	7.42	1/18/2016 8:30 AM	7.43
1/16/2016 8:45 AM	7.38	1/17/2016 8:45 AM	7.42	1/18/2016 8:45 AM	7.43
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1/16/2016 12:15 PM	7.34	1/17/2016 12:15 PM	7.41	1/18/2016 12:15 PM	7.43
1/16/2016 12:30 PM	7.33	1/17/2016 12:30 PM	7.42	1/18/2016 12:30 PM	7.42
1/16/2016 12:45 PM	7.33	1/17/2016 12:45 PM	7.42	1/18/2016 12:45 PM	7.41
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1/16/2016 1:15 PM	7.35	1/17/2016 1:15 PM	7.41	1/18/2016 1:15 PM	7.41
1/16/2016 1:30 PM	7.38	1/17/2016 1:30 PM	7.41	1/18/2016 1:30 PM	7.42

1/16/2016 1:45 PM	7.39	1/17/2016 1:45 PM	7.40	1/18/2016 1:45 PM	7.38
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1/16/2016 6:00 PM	7.40	1/17/2016 6:00 PM	7.41	1/18/2016 6:00 PM	7.44
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1/16/2016 7:00 PM	7.43	1/17/2016 7:00 PM	7.39	1/18/2016 7:00 PM	7.44
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1/16/2016 8:15 PM	7.42	1/17/2016 8:15 PM	7.37	1/18/2016 8:15 PM	7.44
1/16/2016 8:30 PM	7.42	1/17/2016 8:30 PM	7.32	1/18/2016 8:30 PM	7.44
1/16/2016 8:45 PM	7.42	1/17/2016 8:45 PM	7.37	1/18/2016 8:45 PM	7.44
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1/16/2016 9:15 PM	7.39	1/17/2016 9:15 PM	7.42	1/18/2016 9:15 PM	7.44
1/16/2016 9:30 PM	7.38	1/17/2016 9:30 PM	7.43	1/18/2016 9:30 PM	7.44
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1/16/2016 10:15 PM	7.39	1/17/2016 10:15 PM	7.42	1/18/2016 10:15 PM	7.44
1/16/2016 10:30 PM	7.42	1/17/2016 10:30 PM	7.41	1/18/2016 10:30 PM	7.44
1/16/2016 10:45 PM	7.43	1/17/2016 10:45 PM	7.40	1/18/2016 10:45 PM	7.44
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1/16/2016 11:30 PM	7.44	1/17/2016 11:30 PM	7.40	1/18/2016 11:30 PM	7.44
1/16/2016 11:45 PM	7.43	1/17/2016 11:45 PM	7.39	1/18/2016 11:45 PM	7.44

AVG

7.40

AVG

7.40

AVG

7.43

Date And Time	pH	Date And Time	pH	Date And Time	pH
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1/19/2016 12:30 AM	7.44	1/20/2016 12:30 AM	7.42	1/21/2016 12:30 AM	7.38
1/19/2016 12:45 AM	7.44	1/20/2016 12:45 AM	7.41	1/21/2016 12:45 AM	7.38
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1/19/2016 1:15 AM	7.44	1/20/2016 1:15 AM	7.41	1/21/2016 1:15 AM	7.35
1/19/2016 1:30 AM	7.44	1/20/2016 1:30 AM	7.42	1/21/2016 1:30 AM	7.39
1/19/2016 1:45 AM	7.44	1/20/2016 1:45 AM	7.39	1/21/2016 1:45 AM	7.42
1/19/2016 2:00 AM	7.44	1/20/2016 2:00 AM	7.38	1/21/2016 2:00 AM	7.44
1/19/2016 2:15 AM	7.44	1/20/2016 2:15 AM	7.37	1/21/2016 2:15 AM	7.44
1/19/2016 2:30 AM	7.44	1/20/2016 2:30 AM	7.35	1/21/2016 2:30 AM	7.44
1/19/2016 2:45 AM	7.44	1/20/2016 2:45 AM	7.39	1/21/2016 2:45 AM	7.44
1/19/2016 3:00 AM	7.45	1/20/2016 3:00 AM	7.42	1/21/2016 3:00 AM	7.43
1/19/2016 3:15 AM	7.45	1/20/2016 3:15 AM	7.44	1/21/2016 3:15 AM	7.43
1/19/2016 3:30 AM	7.48	1/20/2016 3:30 AM	7.44	1/21/2016 3:30 AM	7.43
1/19/2016 3:45 AM	7.43	1/20/2016 3:45 AM	7.44	1/21/2016 3:45 AM	7.42
1/19/2016 4:00 AM	7.40	1/20/2016 4:00 AM	7.43	1/21/2016 4:00 AM	7.41
1/19/2016 4:15 AM	7.39	1/20/2016 4:15 AM	7.43	1/21/2016 4:15 AM	7.41
1/19/2016 4:30 AM	7.43	1/20/2016 4:30 AM	7.43	1/21/2016 4:30 AM	7.42
1/19/2016 4:45 AM	7.45	1/20/2016 4:45 AM	7.43	1/21/2016 4:45 AM	7.40
1/19/2016 5:00 AM	7.46	1/20/2016 5:00 AM	7.42	1/21/2016 5:00 AM	7.40
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1/19/2016 6:15 AM	7.44	1/20/2016 6:15 AM	7.40	1/21/2016 6:15 AM	7.45
1/19/2016 6:30 AM	7.44	1/20/2016 6:30 AM	7.39	1/21/2016 6:30 AM	7.45
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1/19/2016 8:00 AM	7.38	1/20/2016 8:00 AM	7.44	1/21/2016 8:00 AM	7.43
1/19/2016 8:15 AM	7.33	1/20/2016 8:15 AM	7.44	1/21/2016 8:15 AM	7.43
1/19/2016 8:30 AM	7.38	1/20/2016 8:30 AM	7.43	1/21/2016 8:30 AM	7.43
1/19/2016 8:45 AM	7.41	1/20/2016 8:45 AM	7.43	1/21/2016 8:45 AM	7.42
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1/19/2016 9:15 AM	7.43	1/20/2016 9:15 AM	7.42	1/21/2016 9:15 AM	7.40
1/19/2016 9:30 AM	7.42	1/20/2016 9:30 AM	7.41	1/21/2016 9:30 AM	7.38
1/19/2016 9:45 AM	7.40	1/20/2016 9:45 AM	7.40	1/21/2016 9:45 AM	7.38
1/19/2016 10:00 AM	7.41	1/20/2016 10:00 AM	7.40	1/21/2016 10:00 AM	7.33
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1/19/2016 10:30 AM	7.41	1/20/2016 10:30 AM	7.41	1/21/2016 10:30 AM	7.42
1/19/2016 10:45 AM	7.41	1/20/2016 10:45 AM	7.38	1/21/2016 10:45 AM	7.44
1/19/2016 11:00 AM	7.41	1/20/2016 11:00 AM	7.37	1/21/2016 11:00 AM	7.44
1/19/2016 11:15 AM	7.41	1/20/2016 11:15 AM	7.36	1/21/2016 11:15 AM	7.44
1/19/2016 11:30 AM	7.41	1/20/2016 11:30 AM	7.34	1/21/2016 11:30 AM	7.43
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1/19/2016 12:15 PM	7.37	1/20/2016 12:15 PM	7.41	1/21/2016 12:15 PM	7.42
1/19/2016 12:30 PM	7.36	1/20/2016 12:30 PM	7.41	1/21/2016 12:30 PM	7.41
1/19/2016 12:45 PM	7.34	1/20/2016 12:45 PM	7.40	1/21/2016 12:45 PM	7.40
1/19/2016 1:00 PM	7.32	1/20/2016 1:00 PM	7.40	1/21/2016 1:00 PM	7.39
1/19/2016 1:15 PM	7.38	1/20/2016 1:15 PM	7.39	1/21/2016 1:15 PM	7.39
1/19/2016 1:30 PM	7.40	1/20/2016 1:30 PM	7.39	1/21/2016 1:30 PM	7.42

1/19/2016 1:45 PM	7.41	1/20/2016 1:45 PM	7.38	1/21/2016 1:45 PM	7.38
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1/19/2016 2:30 PM	7.40	1/20/2016 2:30 PM	7.37	1/21/2016 2:30 PM	7.37
1/19/2016 2:45 PM	7.40	1/20/2016 2:45 PM	7.36	1/21/2016 2:45 PM	7.39
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1/19/2016 4:15 PM	7.41	1/20/2016 4:15 PM	7.34	1/21/2016 4:15 PM	7.42
1/19/2016 4:30 PM	7.40	1/20/2016 4:30 PM	7.34	1/21/2016 4:30 PM	7.42
1/19/2016 4:45 PM	7.37	1/20/2016 4:45 PM	7.34	1/21/2016 4:45 PM	7.41
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1/19/2016 6:15 PM	7.42	1/20/2016 6:15 PM	7.32	1/21/2016 6:15 PM	7.40
1/19/2016 6:30 PM	7.42	1/20/2016 6:30 PM	7.32	1/21/2016 6:30 PM	7.39
1/19/2016 6:45 PM	7.43	1/20/2016 6:45 PM	7.32	1/21/2016 6:45 PM	7.39
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1/19/2016 8:15 PM	7.45	1/20/2016 8:15 PM	7.37	1/21/2016 8:15 PM	7.44
1/19/2016 8:30 PM	7.46	1/20/2016 8:30 PM	7.37	1/21/2016 8:30 PM	7.43
1/19/2016 8:45 PM	7.47	1/20/2016 8:45 PM	7.38	1/21/2016 8:45 PM	7.44
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1/19/2016 9:15 PM	7.38	1/20/2016 9:15 PM	7.35	1/21/2016 9:15 PM	7.43
1/19/2016 9:30 PM	7.37	1/20/2016 9:30 PM	7.35	1/21/2016 9:30 PM	7.42
1/19/2016 9:45 PM	7.37	1/20/2016 9:45 PM	7.38	1/21/2016 9:45 PM	7.42
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1/19/2016 10:15 PM	7.38	1/20/2016 10:15 PM	7.42	1/21/2016 10:15 PM	7.41
1/19/2016 10:30 PM	7.41	1/20/2016 10:30 PM	7.42	1/21/2016 10:30 PM	7.43
1/19/2016 10:45 PM	7.43	1/20/2016 10:45 PM	7.42	1/21/2016 10:45 PM	7.41
1/19/2016 11:00 PM	7.43	1/20/2016 11:00 PM	7.41	1/21/2016 11:00 PM	7.41
1/19/2016 11:15 PM	7.43	1/20/2016 11:15 PM	7.41	1/21/2016 11:15 PM	7.39
1/19/2016 11:30 PM	7.43	1/20/2016 11:30 PM	7.41	1/21/2016 11:30 PM	7.39
1/19/2016 11:45 PM	7.43	1/20/2016 11:45 PM	7.40	1/21/2016 11:45 PM	7.38

AVG

7.41

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7.39

AVG

7.41

Date And Time	pH	Date And Time	pH	Date And Time	pH
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1/22/2016 12:30 AM	7.45	1/23/2016 12:30 AM	7.45	1/24/2016 12:30 AM	7.40
1/22/2016 12:45 AM	7.46	1/23/2016 12:45 AM	7.45	1/24/2016 12:45 AM	7.40
1/22/2016 1:00 AM	7.46	1/23/2016 1:00 AM	7.45	1/24/2016 1:00 AM	7.35
1/22/2016 1:15 AM	7.45	1/23/2016 1:15 AM	7.44	1/24/2016 1:15 AM	7.40
1/22/2016 1:30 AM	7.45	1/23/2016 1:30 AM	7.45	1/24/2016 1:30 AM	7.43
1/22/2016 1:45 AM	7.44	1/23/2016 1:45 AM	7.42	1/24/2016 1:45 AM	7.45
1/22/2016 2:00 AM	7.44	1/23/2016 2:00 AM	7.42	1/24/2016 2:00 AM	7.46
1/22/2016 2:15 AM	7.44	1/23/2016 2:15 AM	7.40	1/24/2016 2:15 AM	7.46
1/22/2016 2:30 AM	7.43	1/23/2016 2:30 AM	7.36	1/24/2016 2:30 AM	7.46
1/22/2016 2:45 AM	7.42	1/23/2016 2:45 AM	7.41	1/24/2016 2:45 AM	7.46
1/22/2016 3:00 AM	7.43	1/23/2016 3:00 AM	7.44	1/24/2016 3:00 AM	7.46
1/22/2016 3:15 AM	7.44	1/23/2016 3:15 AM	7.46	1/24/2016 3:15 AM	7.46
1/22/2016 3:30 AM	7.42	1/23/2016 3:30 AM	7.46	1/24/2016 3:30 AM	7.46
1/22/2016 3:45 AM	7.41	1/23/2016 3:45 AM	7.46	1/24/2016 3:45 AM	7.45
1/22/2016 4:00 AM	7.41	1/23/2016 4:00 AM	7.46	1/24/2016 4:00 AM	7.45
1/22/2016 4:15 AM	7.38	1/23/2016 4:15 AM	7.45	1/24/2016 4:15 AM	7.45
1/22/2016 4:30 AM	7.42	1/23/2016 4:30 AM	7.45	1/24/2016 4:30 AM	7.46
1/22/2016 4:45 AM	7.45	1/23/2016 4:45 AM	7.45	1/24/2016 4:45 AM	7.44
1/22/2016 5:00 AM	7.46	1/23/2016 5:00 AM	7.44	1/24/2016 5:00 AM	7.43
1/22/2016 5:15 AM	7.46	1/23/2016 5:15 AM	7.44	1/24/2016 5:15 AM	7.43
1/22/2016 5:30 AM	7.46	1/23/2016 5:30 AM	7.43	1/24/2016 5:30 AM	7.37
1/22/2016 5:45 AM	7.46	1/23/2016 5:45 AM	7.43	1/24/2016 5:45 AM	7.43
1/22/2016 6:00 AM	7.45	1/23/2016 6:00 AM	7.45	1/24/2016 6:00 AM	7.46
1/22/2016 6:15 AM	7.45	1/23/2016 6:15 AM	7.41	1/24/2016 6:15 AM	7.49
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1/22/2016 6:45 AM	7.44	1/23/2016 6:45 AM	7.40	1/24/2016 6:45 AM	7.50
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1/22/2016 7:15 AM	7.43	1/23/2016 7:15 AM	7.40	1/24/2016 7:15 AM	7.49
1/22/2016 7:30 AM	7.43	1/23/2016 7:30 AM	7.43	1/24/2016 7:30 AM	7.49
1/22/2016 7:45 AM	7.42	1/23/2016 7:45 AM	7.45	1/24/2016 7:45 AM	7.49
1/22/2016 8:00 AM	7.42	1/23/2016 8:00 AM	7.45	1/24/2016 8:00 AM	7.48
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1/22/2016 8:30 AM	7.42	1/23/2016 8:30 AM	7.45	1/24/2016 8:30 AM	7.46
1/22/2016 8:45 AM	7.41	1/23/2016 8:45 AM	7.45	1/24/2016 8:45 AM	7.45
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1/22/2016 9:15 AM	7.40	1/23/2016 9:15 AM	7.43	1/24/2016 9:15 AM	7.43
1/22/2016 9:30 AM	7.40	1/23/2016 9:30 AM	7.43	1/24/2016 9:30 AM	7.43
1/22/2016 9:45 AM	7.40	1/23/2016 9:45 AM	7.43	1/24/2016 9:45 AM	7.41
1/22/2016 10:00 AM	7.39	1/23/2016 10:00 AM	7.42	1/24/2016 10:00 AM	7.36
1/22/2016 10:15 AM	7.39	1/23/2016 10:15 AM	7.42	1/24/2016 10:15 AM	7.40
1/22/2016 10:30 AM	7.39	1/23/2016 10:30 AM	7.42	1/24/2016 10:30 AM	7.42
1/22/2016 10:45 AM	7.39	1/23/2016 10:45 AM	7.41	1/24/2016 10:45 AM	7.44
1/22/2016 11:00 AM	7.38	1/23/2016 11:00 AM	7.41	1/24/2016 11:00 AM	7.45
1/22/2016 11:15 AM	7.38	1/23/2016 11:15 AM	7.40	1/24/2016 11:15 AM	7.44
1/22/2016 11:30 AM	7.38	1/23/2016 11:30 AM	7.40	1/24/2016 11:30 AM	7.43
1/22/2016 11:45 AM	7.38	1/23/2016 11:45 AM	7.40	1/24/2016 11:45 AM	7.41
1/22/2016 12:00 PM	7.37	1/23/2016 12:00 PM	7.39	1/24/2016 12:00 PM	7.40
1/22/2016 12:15 PM	7.37	1/23/2016 12:15 PM	7.39	1/24/2016 12:15 PM	7.38
1/22/2016 12:30 PM	7.37	1/23/2016 12:30 PM	7.38	1/24/2016 12:30 PM	7.38
1/22/2016 12:45 PM	7.37	1/23/2016 12:45 PM	7.38	1/24/2016 12:45 PM	7.37
1/22/2016 1:00 PM	7.37	1/23/2016 1:00 PM	7.38	1/24/2016 1:00 PM	7.36
1/22/2016 1:15 PM	7.36	1/23/2016 1:15 PM	7.37	1/24/2016 1:15 PM	7.35
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1/22/2016 2:15 PM	7.36	1/23/2016 2:15 PM	7.36	1/24/2016 2:15 PM	7.32
1/22/2016 2:30 PM	7.36	1/23/2016 2:30 PM	7.36	1/24/2016 2:30 PM	7.33
1/22/2016 2:45 PM	7.35	1/23/2016 2:45 PM	7.36	1/24/2016 2:45 PM	7.33
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1/22/2016 3:15 PM	7.36	1/23/2016 3:15 PM	7.35	1/24/2016 3:15 PM	7.33
1/22/2016 3:30 PM	7.36	1/23/2016 3:30 PM	7.35	1/24/2016 3:30 PM	7.33
1/22/2016 3:45 PM	7.36	1/23/2016 3:45 PM	7.35	1/24/2016 3:45 PM	7.32
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1/22/2016 4:15 PM	7.35	1/23/2016 4:15 PM	7.34	1/24/2016 4:15 PM	7.32
1/22/2016 4:30 PM	7.36	1/23/2016 4:30 PM	7.34	1/24/2016 4:30 PM	7.32
1/22/2016 4:45 PM	7.35	1/23/2016 4:45 PM	7.34	1/24/2016 4:45 PM	7.32
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1/22/2016 5:15 PM	7.35	1/23/2016 5:15 PM	7.34	1/24/2016 5:15 PM	7.31
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1/22/2016 5:45 PM	7.36	1/23/2016 5:45 PM	7.33	1/24/2016 5:45 PM	7.31
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1/22/2016 6:15 PM	7.36	1/23/2016 6:15 PM	7.33	1/24/2016 6:15 PM	7.31
1/22/2016 6:30 PM	7.36	1/23/2016 6:30 PM	7.32	1/24/2016 6:30 PM	7.31
1/22/2016 6:45 PM	7.36	1/23/2016 6:45 PM	7.32	1/24/2016 6:45 PM	7.31
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1/22/2016 7:15 PM	7.36	1/23/2016 7:15 PM	7.40	1/24/2016 7:15 PM	7.31
1/22/2016 7:30 PM	7.36	1/23/2016 7:30 PM	7.40	1/24/2016 7:30 PM	7.31
1/22/2016 7:45 PM	7.36	1/23/2016 7:45 PM	7.39	1/24/2016 7:45 PM	7.31
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1/22/2016 9:45 PM	7.40	1/23/2016 9:45 PM	7.44	1/24/2016 9:45 PM	7.30
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1/22/2016 11:30 PM	7.47	1/23/2016 11:30 PM	7.41	1/24/2016 11:30 PM	7.30
1/22/2016 11:45 PM	7.46	1/23/2016 11:45 PM	7.41	1/24/2016 11:45 PM	7.30

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Date And Time	pH	Date And Time	pH	Date And Time	pH
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1/25/2016 12:30 AM	7.30	1/26/2016 12:30 AM	7.47	1/27/2016 12:30 AM	7.42
1/25/2016 12:45 AM	7.30	1/26/2016 12:45 AM	7.46	1/27/2016 12:45 AM	7.42
1/25/2016 1:00 AM	7.30	1/26/2016 1:00 AM	7.46	1/27/2016 1:00 AM	7.42
1/25/2016 1:15 AM	7.30	1/26/2016 1:15 AM	7.46	1/27/2016 1:15 AM	7.42
1/25/2016 1:30 AM	7.30	1/26/2016 1:30 AM	7.45	1/27/2016 1:30 AM	7.42
1/25/2016 1:45 AM	7.30	1/26/2016 1:45 AM	7.45	1/27/2016 1:45 AM	7.42
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1/25/2016 5:15 AM	7.32	1/26/2016 5:15 AM	7.38	1/27/2016 5:15 AM	7.39
1/25/2016 5:30 AM	7.33	1/26/2016 5:30 AM	7.37	1/27/2016 5:30 AM	7.38
1/25/2016 5:45 AM	7.33	1/26/2016 5:45 AM	7.37	1/27/2016 5:45 AM	7.38
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1/25/2016 1:45 PM	7.33	1/26/2016 1:45 PM	7.29	1/27/2016 1:45 PM	7.40

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1/25/2016 11:30 PM	7.48	1/26/2016 11:30 PM	7.43	1/27/2016 11:30 PM	7.43
1/25/2016 11:45 PM	7.48	1/26/2016 11:45 PM	7.43	1/27/2016 11:45 PM	7.42

AVG

7.37

AVG

7.39

AVG

7.41

Date And Time	pH	Date And Time	pH	Date And Time	pH
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1/28/2016 12:30 AM	7.41	1/29/2016 12:30 AM	7.36	1/30/2016 12:30 AM	7.43
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1/28/2016 1:15 AM	7.41	1/29/2016 1:15 AM	7.35	1/30/2016 1:15 AM	7.41
1/28/2016 1:30 AM	7.41	1/29/2016 1:30 AM	7.35	1/30/2016 1:30 AM	7.44
1/28/2016 1:45 AM	7.41	1/29/2016 1:45 AM	7.34	1/30/2016 1:45 AM	7.46
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1/28/2016 4:15 AM	7.39	1/29/2016 4:15 AM	7.31	1/30/2016 4:15 AM	7.44
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1/28/2016 6:15 AM	7.37	1/29/2016 6:15 AM	7.28	1/30/2016 6:15 AM	7.46
1/28/2016 6:30 AM	7.37	1/29/2016 6:30 AM	7.28	1/30/2016 6:30 AM	7.47
1/28/2016 6:45 AM	7.37	1/29/2016 6:45 AM	7.28	1/30/2016 6:45 AM	7.47
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1/28/2016 7:15 AM	7.37	1/29/2016 7:15 AM	7.27	1/30/2016 7:15 AM	7.46
1/28/2016 7:30 AM	7.37	1/29/2016 7:30 AM	7.27	1/30/2016 7:30 AM	7.45
1/28/2016 7:45 AM	7.37	1/29/2016 7:45 AM	7.27	1/30/2016 7:45 AM	7.45
1/28/2016 8:00 AM	7.37	1/29/2016 8:00 AM	7.26	1/30/2016 8:00 AM	7.44
1/28/2016 8:15 AM	7.51	1/29/2016 8:15 AM	7.26	1/30/2016 8:15 AM	7.43
1/28/2016 8:30 AM	7.46	1/29/2016 8:30 AM	7.26	1/30/2016 8:30 AM	7.42
1/28/2016 8:45 AM	7.44	1/29/2016 8:45 AM	7.26	1/30/2016 8:45 AM	7.42
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1/28/2016 9:15 AM	7.43	1/29/2016 9:15 AM	7.25	1/30/2016 9:15 AM	7.41
1/28/2016 9:30 AM	7.41	1/29/2016 9:30 AM	7.25	1/30/2016 9:30 AM	7.40
1/28/2016 9:45 AM	7.40	1/29/2016 9:45 AM	7.24	1/30/2016 9:45 AM	7.39
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1/28/2016 12:45 PM	7.37	1/29/2016 12:45 PM	7.37	1/30/2016 12:45 PM	7.33
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1/28/2016 1:15 PM	7.41	1/29/2016 1:15 PM	7.34	1/30/2016 1:15 PM	7.33
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1/28/2016 3:15 PM	7.39	1/29/2016 3:15 PM	7.42	1/30/2016 3:15 PM	7.34
1/28/2016 3:30 PM	7.40	1/29/2016 3:30 PM	7.42	1/30/2016 3:30 PM	7.34
1/28/2016 3:45 PM	7.39	1/29/2016 3:45 PM	7.41	1/30/2016 3:45 PM	7.34
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1/28/2016 4:15 PM	7.40	1/29/2016 4:15 PM	7.37	1/30/2016 4:15 PM	7.34
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1/28/2016 5:15 PM	7.45	1/29/2016 5:15 PM	7.44	1/30/2016 5:15 PM	7.40
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1/28/2016 6:45 PM	7.46	1/29/2016 6:45 PM	7.42	1/30/2016 6:45 PM	7.37
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1/28/2016 7:15 PM	7.45	1/29/2016 7:15 PM	7.41	1/30/2016 7:15 PM	7.39
1/28/2016 7:30 PM	7.44	1/29/2016 7:30 PM	7.44	1/30/2016 7:30 PM	7.41
1/28/2016 7:45 PM	7.44	1/29/2016 7:45 PM	7.43	1/30/2016 7:45 PM	7.42
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1/28/2016 8:15 PM	7.43	1/29/2016 8:15 PM	7.43	1/30/2016 8:15 PM	7.42
1/28/2016 8:30 PM	7.43	1/29/2016 8:30 PM	7.43	1/30/2016 8:30 PM	7.42
1/28/2016 8:45 PM	7.43	1/29/2016 8:45 PM	7.39	1/30/2016 8:45 PM	7.41
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1/28/2016 11:30 PM	7.38	1/29/2016 11:30 PM	7.43	1/30/2016 11:30 PM	7.35
1/28/2016 11:45 PM	7.38	1/29/2016 11:45 PM	7.42	1/30/2016 11:45 PM	7.35

AVG 7.40 AVG 7.37 AVG 7.39

Date And Time	pH
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1/31/2016 12:30 AM	7.34
1/31/2016 12:45 AM	7.34
1/31/2016 1:00 AM	7.34
1/31/2016 1:15 AM	7.34
1/31/2016 1:30 AM	7.33
1/31/2016 1:45 AM	7.33
1/31/2016 2:00 AM	7.33
1/31/2016 2:15 AM	7.33
1/31/2016 2:30 AM	7.33

MIN	7.03
MAX	7.84

1/31/2016 2:45 AM	7.33
1/31/2016 3:00 AM	7.33
1/31/2016 3:15 AM	7.33
1/31/2016 3:30 AM	7.33
1/31/2016 3:45 AM	7.33
1/31/2016 4:00 AM	7.33
1/31/2016 4:15 AM	7.33
1/31/2016 4:30 AM	7.32
1/31/2016 4:45 AM	7.32
1/31/2016 5:00 AM	7.31
1/31/2016 5:15 AM	7.31
1/31/2016 5:30 AM	7.31
1/31/2016 5:45 AM	7.31
1/31/2016 6:00 AM	7.31
1/31/2016 6:15 AM	7.31
1/31/2016 6:30 AM	7.31
1/31/2016 6:45 AM	7.31
1/31/2016 7:00 AM	7.30
1/31/2016 7:15 AM	7.30
1/31/2016 7:30 AM	7.31
1/31/2016 7:45 AM	7.30
1/31/2016 8:00 AM	7.30
1/31/2016 8:15 AM	7.30
1/31/2016 8:30 AM	7.30
1/31/2016 8:45 AM	7.28
1/31/2016 9:00 AM	7.28
1/31/2016 9:15 AM	7.26
1/31/2016 9:30 AM	7.24
1/31/2016 9:45 AM	7.22
1/31/2016 10:00 AM	7.19
1/31/2016 10:15 AM	7.17
1/31/2016 10:30 AM	7.17
1/31/2016 10:45 AM	7.18
1/31/2016 11:00 AM	7.20
1/31/2016 11:15 AM	7.19
1/31/2016 11:30 AM	7.17
1/31/2016 11:45 AM	7.14
1/31/2016 12:00 PM	7.11
1/31/2016 12:15 PM	7.07
1/31/2016 12:30 PM	7.05
1/31/2016 12:45 PM	7.03
1/31/2016 1:00 PM	7.03
1/31/2016 1:15 PM	7.03
1/31/2016 1:30 PM	7.03
1/31/2016 1:45 PM	7.04
1/31/2016 2:00 PM	7.05
1/31/2016 2:15 PM	7.07
1/31/2016 2:30 PM	7.09
1/31/2016 2:45 PM	7.10
1/31/2016 3:00 PM	7.11
1/31/2016 3:15 PM	7.11
1/31/2016 3:30 PM	7.12
1/31/2016 3:45 PM	7.13
1/31/2016 4:00 PM	7.14
1/31/2016 4:15 PM	7.14
1/31/2016 4:30 PM	7.15

1/31/2016 4:45 PM	7.15
1/31/2016 5:00 PM	7.16
1/31/2016 5:15 PM	7.16
1/31/2016 5:30 PM	7.17
1/31/2016 5:45 PM	7.17
1/31/2016 6:00 PM	7.19
1/31/2016 6:15 PM	7.19
1/31/2016 6:30 PM	7.19
1/31/2016 6:45 PM	7.34
1/31/2016 7:00 PM	7.33
1/31/2016 7:15 PM	7.32
1/31/2016 7:30 PM	7.32
1/31/2016 7:45 PM	7.31
1/31/2016 8:00 PM	7.31
1/31/2016 8:15 PM	7.31
1/31/2016 8:30 PM	7.31
1/31/2016 8:45 PM	7.31
1/31/2016 9:00 PM	7.24
1/31/2016 9:15 PM	7.31
1/31/2016 9:30 PM	7.35
1/31/2016 9:45 PM	7.37
1/31/2016 10:00 PM	7.38
1/31/2016 10:15 PM	7.38
1/31/2016 10:30 PM	7.36
1/31/2016 10:45 PM	7.37
1/31/2016 11:00 PM	7.36
1/31/2016 11:15 PM	7.35
1/31/2016 11:30 PM	7.35
1/31/2016 11:45 PM	7.35

AVG **7.25**

Avtex Fibers
Front Royal, VA
Outfall 004
January 2016 DMR

<u>Sample Date</u>	<u>Sample ID</u>	<u>BOD, mg/L</u>	<u>BOD, kg/d</u>	<u>TSS, mg/L</u>	<u>TSS, kg/d</u>
1/8/2016	AF1-8FE	4.0	1.1	13.6	3.8
1/14/2016	AF1-14FE	5.0	0.4	16.3	1.3
1/19/2016	AF1-19FE	5.0	0.7	12.0	1.8
1/27/2016	AF1-27FE	2.0	0.3	5.8	0.8
Daily Maximum:		5.0	1.1	16.3	3.8
Monthly Avg:		4.0	0.6	11.9	1.9

Monthly Average – Compliance with the monthly average limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as it is reported. An arithmetic average shall be calculated using all reported data for the month, including the defined zeros. This arithmetic average shall be reported on the Discharge Monitoring Report (DMR) as calculated. If all data are below the QL used for the analysis, then the average shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported monthly average concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported concentration data (including the defined zeros) and flow data for each sample day to determine the daily quantity and report the monthly average of the calculated daily quantities.

Daily Maximum – Compliance with the daily maximum limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as reported. An arithmetic average shall be calculated using all reported data, including the defined zeros, collected within each day during the reporting month. The maximum value of these daily averages thus determined shall be reported on the DMR as the Daily Maximum. If all data are below the QL used for the analysis, then the maximum value of the daily averages shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported daily maximum concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported daily average concentrations (including the defined zeros) and corresponding daily flows to determine daily average quantities and report the maximum of the daily average quantities during the reporting month.

Loading Derivation
If 1 ppm (= 1 mg/L) and 1 MGD (= 1 MG/day)
--> (1 mg/L)(1 MG/day)(3.785 L/Gal)(10^6 Gal/MG)(1 lb/453,600 mg) = 8.34 lbs/day
--> lbs/day = ppm * 8.34 * MGD
--> kg/d = ppm * 8.34 * MGD * 0.4536*lb/d

Concentration Derivation
If 1 lb/d and 1 MGD (= 1 MG/day)
[(1 lbs/day)(453,600 mg/lb)] / [(1 MG/d)(10^6 Gal/MG)(3.785 L/Gal)]
--> ppm = lb/d ^ (1/8.34) ^ (1/MGD)

BOD

1/8/2016	1.108593076
1/14/2016	0.400701966
1/19/2016	0.74961522
1/27/2016	0.264083448

AVG

0.630748427

TSS

1/8/2016	3.769216459
1/14/2016	1.306288409
1/19/2016	1.799076528
1/27/2016	0.765841999

AVG

1.910105849

CS2*

1/19/2016 <QL

*Note: CS2 EPA Test Method: 8260 MSV Low Level Analytical Method (EPA 8260)

Report Limit 2 ug/L
MDL 1.2 ug/L



Transmitted via Email

FMC Corporation
1735 Market Street
Philadelphia, PA 19103
USA

215.299.6000
fmc.com

March 14, 2016

Department of Environmental Quality - CO
Office of Remediation Program
P.O. Box 1105
Richmond, VA 23218

Re: Submission of Discharge Monitoring Report – February 2016
Avtex Fibers Superfund Site
Front Royal, Virginia

Dear Ms Payne:

In accordance with the Applicable or Relevant and Appropriate Requirements (ARARs) and Fact Sheet provided July 22, 2014, FMC Corporation (FMC) is submitting the Discharge Monitoring Report (DMR) for the month of February 2016. The permit is for the discharge from the Groundwater and Leachate Treatment Plant (GLTP) located at 404 Kendrick Lane, Front Royal, VA. Analysis of effluent concentrations yielded results within the allowable limits for all parameters.

Please do not hesitate to call if there are any questions.

Sincerely,

FMC Corporation

Brian M. McGinnis, P.E.
Manager, Environmental Remediation

cc: via Email
Brandon Kiracofe, DEQ
Charlie Root, USEPA
Heather Philip, Parsons

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)												OMB No. 2040-004				
NAME:	Avtex Fibers			NA			004			DMR MAILING ZIP CODE:			23218			
ADDRESS:	404 Kendrick Lane			PERMIT NUMBER			DISCHARGE NUMBER									
Front Royal, VA 22630												DESCRIPTION:				
						MONITORING PERIOD						GLTP EFFLUENT (OUTFALL 004)				
FACILITY:	AVTEX FIBERS			YEAR	MO	DAY	YEAR	MO	DAY				External Outfall			
LOCATION:	FRONT ROYAL, VA			FROM	16	02	01	TO	16	01	29				No Discharge	
ATTN:																
PARAMETER				QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO.	FREQUENCY OF ANALYSIS	SAMPLE TYPE				
				VALUE	VALUE	UNITS	VALUE	VALUE	VALUE				UNITS			
FLOW	SAMPLE MEASUREMENT	0.049	0.077	MGD	*****	*****	*****	*****		0	CONTINUOUS	TIRE				
00056 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	REPORT MONTHLY AV	REPORT DAILY MAX		*****	*****	*****	*****			CONTINUOUS	TIRE				
PH	SAMPLE MEASUREMENT	*****	*****	kg/d	7.2	*****	7.9	*****	SU	0	CONTINUOUS	GRAB				
00400 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****		6.5	MINIMUM	9.0	MAXIMUM		*****		CONTINUOUS	GRAB			
BOD, 5-DAY	SAMPLE MEASUREMENT	0.49	0.74	kg/d	*****	3.0	5.0	*****	mg/L	0	1/7	8 HC				
00318 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	36	96		*****	24	64	DAILY MX		*****		1/7	8 HC			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	1.69	1.98	kg/d	*****	9.83	13.00	*****	mg/L	0	1/7	8 HC				
03603 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	60	190		*****	40	130	DAILY MX		*****		1/7	8 HC			
CARBON DISULFIDE	SAMPLE MEASUREMENT	<QL	<QL	kg/d	*****	<QL	<QL	*****	mg/L	0	1/30	8 HC				
77041 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	NL	NL		*****	NL	NL	DAILY MX		*****		1/30	8 HC			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER				I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONS PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSONS OR PERSONS WHO MAINTAIN THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					TELEPHONE			DATE				
Robert T. Forbes Director EHS Remediation/Governance												215	299-6260			
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE	OFFICER OR AUTHORIZED AGENT	AREA	NUMBER	YEAR	MO	DAY	
COMMENT AND EXPLANATION OF ANY VIOLATIONS				(Reference all attachments here)												
Attachment: pH compliance monitoring summary (monthly)																
Carbon disulfide: No limit established; monitored monthly; 0.1 mg/L action level																
EPA Form 3320-1 (Rev 01/06) Previous editions may be used.													PAGE	1 OF 10		

Avtex Fibers
 Front Royal, VA
 Outfall 004
 February 2016 DMR

pH Calculations:

Date And Time	pH	Date And Time	pH	Date And Time	pH
2/1/2016 12:00 AM	7.35	2/2/2016 12:00 AM	7.37	2/3/2016 12:00 AM	7.38
2/1/2016 12:15 AM		2/2/2016 12:15 AM	7.37	2/3/2016 12:15 AM	7.38
2/1/2016 12:30 AM	7.35	2/2/2016 12:30 AM	7.36	2/3/2016 12:30 AM	7.38
2/1/2016 12:45 AM	7.35	2/2/2016 12:45 AM	7.36	2/3/2016 12:45 AM	7.33
2/1/2016 1:00 AM	7.34	2/2/2016 1:00 AM	7.35	2/3/2016 1:00 AM	7.38
2/1/2016 1:15 AM	7.34	2/2/2016 1:15 AM	7.35	2/3/2016 1:15 AM	7.41
2/1/2016 1:30 AM	7.33	2/2/2016 1:30 AM	7.35	2/3/2016 1:30 AM	7.43
2/1/2016 1:45 AM	7.33	2/2/2016 1:45 AM	7.34	2/3/2016 1:45 AM	7.44
2/1/2016 2:00 AM	7.33	2/2/2016 2:00 AM	7.34	2/3/2016 2:00 AM	7.43
2/1/2016 2:15 AM	7.33	2/2/2016 2:15 AM	7.34	2/3/2016 2:15 AM	7.43
2/1/2016 2:30 AM	7.33	2/2/2016 2:30 AM	7.33	2/3/2016 2:30 AM	7.43
2/1/2016 2:45 AM	7.33	2/2/2016 2:45 AM	7.33	2/3/2016 2:45 AM	7.43
2/1/2016 3:00 AM	7.33	2/2/2016 3:00 AM	7.33	2/3/2016 3:00 AM	7.42
2/1/2016 3:15 AM	7.32	2/2/2016 3:15 AM	7.32	2/3/2016 3:15 AM	7.40
2/1/2016 3:30 AM	7.32	2/2/2016 3:30 AM	7.32	2/3/2016 3:30 AM	7.40
2/1/2016 3:45 AM	7.32	2/2/2016 3:45 AM	7.32	2/3/2016 3:45 AM	7.40
2/1/2016 4:00 AM	7.32	2/2/2016 4:00 AM	7.32	2/3/2016 4:00 AM	7.39
2/1/2016 4:15 AM	7.31	2/2/2016 4:15 AM	7.31	2/3/2016 4:15 AM	7.37
2/1/2016 4:30 AM	7.31	2/2/2016 4:30 AM	7.31	2/3/2016 4:30 AM	7.41
2/1/2016 4:45 AM	7.31	2/2/2016 4:45 AM	7.31	2/3/2016 4:45 AM	7.43
2/1/2016 5:00 AM	7.31	2/2/2016 5:00 AM	7.30	2/3/2016 5:00 AM	7.43
2/1/2016 5:15 AM	7.31	2/2/2016 5:15 AM	7.30	2/3/2016 5:15 AM	7.44
2/1/2016 5:30 AM	7.31	2/2/2016 5:30 AM	7.30	2/3/2016 5:30 AM	7.44
2/1/2016 5:45 AM	7.31	2/2/2016 5:45 AM	7.30	2/3/2016 5:45 AM	7.43
2/1/2016 6:00 AM	7.30	2/2/2016 6:00 AM	7.30	2/3/2016 6:00 AM	7.43
2/1/2016 6:15 AM	7.30	2/2/2016 6:15 AM	7.29	2/3/2016 6:15 AM	7.43
2/1/2016 6:30 AM	7.30	2/2/2016 6:30 AM	7.29	2/3/2016 6:30 AM	7.42
2/1/2016 6:45 AM	7.30	2/2/2016 6:45 AM	7.29	2/3/2016 6:45 AM	7.42
2/1/2016 7:00 AM	7.31	2/2/2016 7:00 AM	7.28	2/3/2016 7:00 AM	7.42
2/1/2016 7:15 AM	7.31	2/2/2016 7:15 AM	7.28	2/3/2016 7:15 AM	7.41
2/1/2016 7:30 AM	7.31	2/2/2016 7:30 AM	7.28	2/3/2016 7:30 AM	7.39
2/1/2016 7:45 AM	7.31	2/2/2016 7:45 AM	7.27	2/3/2016 7:45 AM	7.40
2/1/2016 8:00 AM	7.30	2/2/2016 8:00 AM	7.39	2/3/2016 8:00 AM	7.39
2/1/2016 8:15 AM	7.27	2/2/2016 8:15 AM	7.39	2/3/2016 8:15 AM	7.38
2/1/2016 8:30 AM	7.28	2/2/2016 8:30 AM	7.38	2/3/2016 8:30 AM	7.37
2/1/2016 8:45 AM	7.28	2/2/2016 8:45 AM	7.37	2/3/2016 8:45 AM	7.40
2/1/2016 9:00 AM	7.28	2/2/2016 9:00 AM	7.36	2/3/2016 9:00 AM	7.42
2/1/2016 9:15 AM	7.28	2/2/2016 9:15 AM	7.35	2/3/2016 9:15 AM	7.42
2/1/2016 9:30 AM	7.28	2/2/2016 9:30 AM	7.33	2/3/2016 9:30 AM	7.43
2/1/2016 9:45 AM	7.28	2/2/2016 9:45 AM	7.33	2/3/2016 9:45 AM	7.42
2/1/2016 10:00 AM	7.28	2/2/2016 10:00 AM	7.32	2/3/2016 10:00 AM	7.42
2/1/2016 10:15 AM	7.28	2/2/2016 10:15 AM	7.31	2/3/2016 10:15 AM	7.42
2/1/2016 10:30 AM	7.27	2/2/2016 10:30 AM	7.32	2/3/2016 10:30 AM	7.42
2/1/2016 10:45 AM	7.26	2/2/2016 10:45 AM	7.33	2/3/2016 10:45 AM	7.41
2/1/2016 11:00 AM	7.25	2/2/2016 11:00 AM	7.33	2/3/2016 11:00 AM	7.41

2/1/2016 11:15 AM	7.25	2/2/2016 11:15 AM	7.34	2/3/2016 11:15 AM	7.41
2/1/2016 11:30 AM	7.25	2/2/2016 11:30 AM	7.29	2/3/2016 11:30 AM	7.41
2/1/2016 11:45 AM	7.33	2/2/2016 11:45 AM	7.35	2/3/2016 11:45 AM	7.45
2/1/2016 12:00 PM	7.32	2/2/2016 12:00 PM	7.38	2/3/2016 12:00 PM	7.38
2/1/2016 12:15 PM	7.31	2/2/2016 12:15 PM	7.42	2/3/2016 12:15 PM	7.37
2/1/2016 12:30 PM	7.31	2/2/2016 12:30 PM	7.38	2/3/2016 12:30 PM	7.31
2/1/2016 12:45 PM	7.31	2/2/2016 12:45 PM	7.37	2/3/2016 12:45 PM	7.35
2/1/2016 1:00 PM	7.31	2/2/2016 1:00 PM	7.37	2/3/2016 1:00 PM	7.38
2/1/2016 1:15 PM	7.32	2/2/2016 1:15 PM	7.33	2/3/2016 1:15 PM	7.39
2/1/2016 1:30 PM	7.34	2/2/2016 1:30 PM	7.37	2/3/2016 1:30 PM	7.39
2/1/2016 1:45 PM	7.33	2/2/2016 1:45 PM	7.39	2/3/2016 1:45 PM	7.39
2/1/2016 2:00 PM	7.33	2/2/2016 2:00 PM	7.40	2/3/2016 2:00 PM	7.38
2/1/2016 2:15 PM	7.33	2/2/2016 2:15 PM	7.40	2/3/2016 2:15 PM	7.37
2/1/2016 2:30 PM	7.26	2/2/2016 2:30 PM	7.40	2/3/2016 2:30 PM	7.37
2/1/2016 2:45 PM	7.33	2/2/2016 2:45 PM	7.40	2/3/2016 2:45 PM	7.38
2/1/2016 3:00 PM	7.36	2/2/2016 3:00 PM	7.39	2/3/2016 3:00 PM	7.37
2/1/2016 3:15 PM	7.38	2/2/2016 3:15 PM	7.39	2/3/2016 3:15 PM	7.37
2/1/2016 3:30 PM	7.37	2/2/2016 3:30 PM	7.39	2/3/2016 3:30 PM	7.36
2/1/2016 3:45 PM	7.36	2/2/2016 3:45 PM	7.39	2/3/2016 3:45 PM	7.35
2/1/2016 4:00 PM	7.36	2/2/2016 4:00 PM	7.38	2/3/2016 4:00 PM	7.35
2/1/2016 4:15 PM	7.37	2/2/2016 4:15 PM	7.38	2/3/2016 4:15 PM	7.35
2/1/2016 4:30 PM	7.37	2/2/2016 4:30 PM	7.38	2/3/2016 4:30 PM	7.35
2/1/2016 4:45 PM	7.38	2/2/2016 4:45 PM	7.38	2/3/2016 4:45 PM	7.35
2/1/2016 5:00 PM	7.37	2/2/2016 5:00 PM	7.38	2/3/2016 5:00 PM	7.35
2/1/2016 5:15 PM	7.38	2/2/2016 5:15 PM	7.37	2/3/2016 5:15 PM	7.34
2/1/2016 5:30 PM	7.33	2/2/2016 5:30 PM	7.38	2/3/2016 5:30 PM	7.34
2/1/2016 5:45 PM	7.38	2/2/2016 5:45 PM	7.38	2/3/2016 5:45 PM	7.34
2/1/2016 6:00 PM	7.41	2/2/2016 6:00 PM	7.37	2/3/2016 6:00 PM	7.34
2/1/2016 6:15 PM	7.42	2/2/2016 6:15 PM	7.38	2/3/2016 6:15 PM	7.34
2/1/2016 6:30 PM	7.43	2/2/2016 6:30 PM	7.37	2/3/2016 6:30 PM	7.33
2/1/2016 6:45 PM	7.43	2/2/2016 6:45 PM	7.37	2/3/2016 6:45 PM	7.33
2/1/2016 7:00 PM	7.42	2/2/2016 7:00 PM	7.37	2/3/2016 7:00 PM	7.33
2/1/2016 7:15 PM	7.42	2/2/2016 7:15 PM	7.37	2/3/2016 7:15 PM	7.33
2/1/2016 7:30 PM	7.41	2/2/2016 7:30 PM	7.37	2/3/2016 7:30 PM	7.33
2/1/2016 7:45 PM	7.41	2/2/2016 7:45 PM	7.37	2/3/2016 7:45 PM	7.33
2/1/2016 8:00 PM	7.41	2/2/2016 8:00 PM	7.37	2/3/2016 8:00 PM	7.33
2/1/2016 8:15 PM	7.41	2/2/2016 8:15 PM	7.36	2/3/2016 8:15 PM	7.33
2/1/2016 8:30 PM	7.41	2/2/2016 8:30 PM	7.36	2/3/2016 8:30 PM	7.33
2/1/2016 8:45 PM	7.39	2/2/2016 8:45 PM	7.36	2/3/2016 8:45 PM	7.34
2/1/2016 9:00 PM	7.40	2/2/2016 9:00 PM	7.35	2/3/2016 9:00 PM	7.36
2/1/2016 9:15 PM	7.40	2/2/2016 9:15 PM	7.35	2/3/2016 9:15 PM	7.35
2/1/2016 9:30 PM	7.40	2/2/2016 9:30 PM	7.35	2/3/2016 9:30 PM	7.35
2/1/2016 9:45 PM	7.40	2/2/2016 9:45 PM	7.35	2/3/2016 9:45 PM	7.34
2/1/2016 10:00 PM	7.40	2/2/2016 10:00 PM	7.35	2/3/2016 10:00 PM	7.29
2/1/2016 10:15 PM	7.39	2/2/2016 10:15 PM	7.35	2/3/2016 10:15 PM	7.34
2/1/2016 10:30 PM	7.39	2/2/2016 10:30 PM	7.35	2/3/2016 10:30 PM	7.37
2/1/2016 10:45 PM	7.39	2/2/2016 10:45 PM	7.40	2/3/2016 10:45 PM	7.39
2/1/2016 11:00 PM	7.38	2/2/2016 11:00 PM	7.39	2/3/2016 11:00 PM	7.39
2/1/2016 11:15 PM	7.38	2/2/2016 11:15 PM	7.39	2/3/2016 11:15 PM	7.40
2/1/2016 11:30 PM	7.38	2/2/2016 11:30 PM	7.39	2/3/2016 11:30 PM	7.39
2/1/2016 11:45 PM	7.38	2/2/2016 11:45 PM	7.38	2/3/2016 11:45 PM	7.39

AVG

7.34

AVG

7.35

AVG

7.38

Note: No data recorded at 12:15 AM due to power outage, not included in calculations.

Date And Time	pH	Date And Time	pH	Date And Time	pH
2/4/2016 12:00 AM	7.39	2/5/2016 12:00 AM	7.37	2/6/2016 12:00 AM	7.27
2/4/2016 12:15 AM	7.38	2/5/2016 12:15 AM	7.35	2/6/2016 12:15 AM	7.27
2/4/2016 12:30 AM	7.38	2/5/2016 12:30 AM	7.35	2/6/2016 12:30 AM	7.27
2/4/2016 12:45 AM	7.38	2/5/2016 12:45 AM	7.34	2/6/2016 12:45 AM	7.27
2/4/2016 1:00 AM	7.38	2/5/2016 1:00 AM	7.34	2/6/2016 1:00 AM	7.26
2/4/2016 1:15 AM	7.38	2/5/2016 1:15 AM	7.34	2/6/2016 1:15 AM	7.26
2/4/2016 1:30 AM	7.41	2/5/2016 1:30 AM	7.31	2/6/2016 1:30 AM	7.26
2/4/2016 1:45 AM	7.36	2/5/2016 1:45 AM	7.36	2/6/2016 1:45 AM	7.26
2/4/2016 2:00 AM	7.36	2/5/2016 2:00 AM	7.38	2/6/2016 2:00 AM	7.26
2/4/2016 2:15 AM	7.35	2/5/2016 2:15 AM	7.38	2/6/2016 2:15 AM	7.25
2/4/2016 2:30 AM	7.35	2/5/2016 2:30 AM	7.38	2/6/2016 2:30 AM	7.25
2/4/2016 2:45 AM	7.38	2/5/2016 2:45 AM	7.38	2/6/2016 2:45 AM	7.25
2/4/2016 3:00 AM	7.39	2/5/2016 3:00 AM	7.38	2/6/2016 3:00 AM	7.25
2/4/2016 3:15 AM	7.39	2/5/2016 3:15 AM	7.37	2/6/2016 3:15 AM	7.24
2/4/2016 3:30 AM	7.39	2/5/2016 3:30 AM	7.37	2/6/2016 3:30 AM	7.24
2/4/2016 3:45 AM	7.39	2/5/2016 3:45 AM	7.36	2/6/2016 3:45 AM	7.24
2/4/2016 4:00 AM	7.39	2/5/2016 4:00 AM	7.36	2/6/2016 4:00 AM	7.24
2/4/2016 4:15 AM	7.38	2/5/2016 4:15 AM	7.36	2/6/2016 4:15 AM	7.24
2/4/2016 4:30 AM	7.37	2/5/2016 4:30 AM	7.35	2/6/2016 4:30 AM	7.24
2/4/2016 4:45 AM	7.37	2/5/2016 4:45 AM	7.35	2/6/2016 4:45 AM	7.23
2/4/2016 5:00 AM	7.36	2/5/2016 5:00 AM	7.35	2/6/2016 5:00 AM	7.23
2/4/2016 5:15 AM	7.36	2/5/2016 5:15 AM	7.35	2/6/2016 5:15 AM	7.23
2/4/2016 5:30 AM	7.35	2/5/2016 5:30 AM	7.35	2/6/2016 5:30 AM	7.23
2/4/2016 5:45 AM	7.35	2/5/2016 5:45 AM	7.35	2/6/2016 5:45 AM	7.23
2/4/2016 6:00 AM	7.35	2/5/2016 6:00 AM	7.32	2/6/2016 6:00 AM	7.23
2/4/2016 6:15 AM	7.34	2/5/2016 6:15 AM	7.37	2/6/2016 6:15 AM	7.23
2/4/2016 6:30 AM	7.35	2/5/2016 6:30 AM	7.39	2/6/2016 6:30 AM	7.22
2/4/2016 6:45 AM	7.34	2/5/2016 6:45 AM	7.39	2/6/2016 6:45 AM	7.22
2/4/2016 7:00 AM	7.34	2/5/2016 7:00 AM	7.39	2/6/2016 7:00 AM	7.22
2/4/2016 7:15 AM	7.35	2/5/2016 7:15 AM	7.38	2/6/2016 7:15 AM	7.22
2/4/2016 7:30 AM	7.35	2/5/2016 7:30 AM	7.38	2/6/2016 7:30 AM	7.22
2/4/2016 7:45 AM	7.35	2/5/2016 7:45 AM	7.38	2/6/2016 7:45 AM	7.22
2/4/2016 8:00 AM	7.34	2/5/2016 8:00 AM	7.37	2/6/2016 8:00 AM	7.22
2/4/2016 8:15 AM	7.33	2/5/2016 8:15 AM	7.37	2/6/2016 8:15 AM	7.22
2/4/2016 8:30 AM	7.33	2/5/2016 8:30 AM	7.37	2/6/2016 8:30 AM	7.21
2/4/2016 8:45 AM	7.33	2/5/2016 8:45 AM	7.40	2/6/2016 8:45 AM	7.20
2/4/2016 9:00 AM	7.33	2/5/2016 9:00 AM	7.36	2/6/2016 9:00 AM	7.20
2/4/2016 9:15 AM	7.32	2/5/2016 9:15 AM	7.37	2/6/2016 9:15 AM	7.20
2/4/2016 9:30 AM	7.33	2/5/2016 9:30 AM	7.36	2/6/2016 9:30 AM	7.19
2/4/2016 9:45 AM	7.33	2/5/2016 9:45 AM	7.35	2/6/2016 9:45 AM	7.18
2/4/2016 10:00 AM	7.33	2/5/2016 10:00 AM	7.35	2/6/2016 10:00 AM	7.18
2/4/2016 10:15 AM	7.32	2/5/2016 10:15 AM	7.32	2/6/2016 10:15 AM	7.18
2/4/2016 10:30 AM	7.33	2/5/2016 10:30 AM	7.36	2/6/2016 10:30 AM	7.18
2/4/2016 10:45 AM	7.32	2/5/2016 10:45 AM	7.38	2/6/2016 10:45 AM	7.18
2/4/2016 11:00 AM	7.32	2/5/2016 11:00 AM	7.39	2/6/2016 11:00 AM	7.18
2/4/2016 11:15 AM	7.31	2/5/2016 11:15 AM	7.39	2/6/2016 11:15 AM	7.18
2/4/2016 11:30 AM	7.29	2/5/2016 11:30 AM	7.38	2/6/2016 11:30 AM	7.18
2/4/2016 11:45 AM	7.32	2/5/2016 11:45 AM	7.38	2/6/2016 11:45 AM	7.18
2/4/2016 12:00 PM	7.34	2/5/2016 12:00 PM	7.37	2/6/2016 12:00 PM	7.18
2/4/2016 12:15 PM	7.35	2/5/2016 12:15 PM	7.36	2/6/2016 12:15 PM	7.19
2/4/2016 12:30 PM	7.35	2/5/2016 12:30 PM	7.36	2/6/2016 12:30 PM	7.19
2/4/2016 12:45 PM	7.35	2/5/2016 12:45 PM	7.35	2/6/2016 12:45 PM	7.20
2/4/2016 1:00 PM	7.35	2/5/2016 1:00 PM	7.35	2/6/2016 1:00 PM	7.20
2/4/2016 1:15 PM	7.35	2/5/2016 1:15 PM	7.34	2/6/2016 1:15 PM	7.20
2/4/2016 1:30 PM	7.35	2/5/2016 1:30 PM	7.38	2/6/2016 1:30 PM	7.20

2/4/2016 1:45 PM	7.34	2/5/2016 1:45 PM	7.34	2/6/2016 1:45 PM	7.35
2/4/2016 2:00 PM	7.34	2/5/2016 2:00 PM	7.33	2/6/2016 2:00 PM	7.33
2/4/2016 2:15 PM	7.33	2/5/2016 2:15 PM	7.33	2/6/2016 2:15 PM	7.31
2/4/2016 2:30 PM	7.33	2/5/2016 2:30 PM	7.26	2/6/2016 2:30 PM	7.31
2/4/2016 2:45 PM	7.32	2/5/2016 2:45 PM	7.31	2/6/2016 2:45 PM	7.31
2/4/2016 3:00 PM	7.32	2/5/2016 3:00 PM	7.35	2/6/2016 3:00 PM	7.31
2/4/2016 3:15 PM	7.31	2/5/2016 3:15 PM	7.37	2/6/2016 3:15 PM	7.31
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2/4/2016 3:45 PM	7.31	2/5/2016 3:45 PM	7.37	2/6/2016 3:45 PM	7.32
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2/4/2016 4:15 PM	7.31	2/5/2016 4:15 PM	7.37	2/6/2016 4:15 PM	7.33
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2/4/2016 5:15 PM	7.36	2/5/2016 5:15 PM	7.35	2/6/2016 5:15 PM	7.35
2/4/2016 5:30 PM	7.37	2/5/2016 5:30 PM	7.35	2/6/2016 5:30 PM	7.35
2/4/2016 5:45 PM	7.37	2/5/2016 5:45 PM	7.34	2/6/2016 5:45 PM	7.36
2/4/2016 6:00 PM	7.37	2/5/2016 6:00 PM	7.34	2/6/2016 6:00 PM	7.31
2/4/2016 6:15 PM	7.37	2/5/2016 6:15 PM	7.34	2/6/2016 6:15 PM	7.37
2/4/2016 6:30 PM	7.37	2/5/2016 6:30 PM	7.34	2/6/2016 6:30 PM	7.40
2/4/2016 6:45 PM	7.37	2/5/2016 6:45 PM	7.34	2/6/2016 6:45 PM	7.41
2/4/2016 7:00 PM	7.37	2/5/2016 7:00 PM	7.33	2/6/2016 7:00 PM	7.49
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2/4/2016 7:30 PM	7.37	2/5/2016 7:30 PM	7.32	2/6/2016 7:30 PM	7.40
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2/4/2016 8:30 PM	7.34	2/5/2016 8:30 PM	7.31	2/6/2016 8:30 PM	7.41
2/4/2016 8:45 PM	7.30	2/5/2016 8:45 PM	7.31	2/6/2016 8:45 PM	7.42
2/4/2016 9:00 PM	7.35	2/5/2016 9:00 PM	7.31	2/6/2016 9:00 PM	7.42
2/4/2016 9:15 PM	7.38	2/5/2016 9:15 PM	7.30	2/6/2016 9:15 PM	7.41
2/4/2016 9:30 PM	7.39	2/5/2016 9:30 PM	7.30	2/6/2016 9:30 PM	7.41
2/4/2016 9:45 PM	7.39	2/5/2016 9:45 PM	7.30	2/6/2016 9:45 PM	7.40
2/4/2016 10:00 PM	7.39	2/5/2016 10:00 PM	7.30	2/6/2016 10:00 PM	7.40
2/4/2016 10:15 PM	7.38	2/5/2016 10:15 PM	7.29	2/6/2016 10:15 PM	7.39
2/4/2016 10:30 PM	7.38	2/5/2016 10:30 PM	7.29	2/6/2016 10:30 PM	7.39
2/4/2016 10:45 PM	7.37	2/5/2016 10:45 PM	7.29	2/6/2016 10:45 PM	7.38
2/4/2016 11:00 PM	7.37	2/5/2016 11:00 PM	7.28	2/6/2016 11:00 PM	7.38
2/4/2016 11:15 PM	7.36	2/5/2016 11:15 PM	7.28	2/6/2016 11:15 PM	7.38
2/4/2016 11:30 PM	7.36	2/5/2016 11:30 PM	7.28	2/6/2016 11:30 PM	7.38
2/4/2016 11:45 PM	7.35	2/5/2016 11:45 PM	7.28	2/6/2016 11:45 PM	7.37

AVG

7.35

AVG

7.35

AVG

7.28

Date And Time	pH	Date And Time	pH	Date And Time	pH
2/7/2016 12:00 AM	7.37	2/8/2016 12:00 AM	7.43	2/9/2016 12:00 AM	7.40
2/7/2016 12:15 AM	7.36	2/8/2016 12:15 AM	7.44	2/9/2016 12:15 AM	7.42
2/7/2016 12:30 AM	7.36	2/8/2016 12:30 AM	7.46	2/9/2016 12:30 AM	7.44
2/7/2016 12:45 AM	7.36	2/8/2016 12:45 AM	7.44	2/9/2016 12:45 AM	7.44
2/7/2016 1:00 AM	7.35	2/8/2016 1:00 AM	7.44	2/9/2016 1:00 AM	7.44
2/7/2016 1:15 AM	7.35	2/8/2016 1:15 AM	7.44	2/9/2016 1:15 AM	7.43
2/7/2016 1:30 AM	7.34	2/8/2016 1:30 AM	7.44	2/9/2016 1:30 AM	7.43
2/7/2016 1:45 AM	7.34	2/8/2016 1:45 AM	7.44	2/9/2016 1:45 AM	7.42
2/7/2016 2:00 AM	7.34	2/8/2016 2:00 AM	7.44	2/9/2016 2:00 AM	7.42
2/7/2016 2:15 AM	7.34	2/8/2016 2:15 AM	7.44	2/9/2016 2:15 AM	7.41
2/7/2016 2:30 AM	7.33	2/8/2016 2:30 AM	7.38	2/9/2016 2:30 AM	7.41
2/7/2016 2:45 AM	7.33	2/8/2016 2:45 AM	7.43	2/9/2016 2:45 AM	7.41
2/7/2016 3:00 AM	7.33	2/8/2016 3:00 AM	7.46	2/9/2016 3:00 AM	7.43
2/7/2016 3:15 AM	7.33	2/8/2016 3:15 AM	7.47	2/9/2016 3:15 AM	7.41
2/7/2016 3:30 AM	7.32	2/8/2016 3:30 AM	7.47	2/9/2016 3:30 AM	7.41
2/7/2016 3:45 AM	7.32	2/8/2016 3:45 AM	7.46	2/9/2016 3:45 AM	7.41
2/7/2016 4:00 AM	7.32	2/8/2016 4:00 AM	7.46	2/9/2016 4:00 AM	7.40
2/7/2016 4:15 AM	7.31	2/8/2016 4:15 AM	7.45	2/9/2016 4:15 AM	7.37
2/7/2016 4:30 AM	7.31	2/8/2016 4:30 AM	7.45	2/9/2016 4:30 AM	7.41
2/7/2016 4:45 AM	7.31	2/8/2016 4:45 AM	7.44	2/9/2016 4:45 AM	7.43
2/7/2016 5:00 AM	7.31	2/8/2016 5:00 AM	7.43	2/9/2016 5:00 AM	7.44
2/7/2016 5:15 AM	7.30	2/8/2016 5:15 AM	7.43	2/9/2016 5:15 AM	7.44
2/7/2016 5:30 AM	7.30	2/8/2016 5:30 AM	7.43	2/9/2016 5:30 AM	7.43
2/7/2016 5:45 AM	7.30	2/8/2016 5:45 AM	7.42	2/9/2016 5:45 AM	7.43
2/7/2016 6:00 AM	7.30	2/8/2016 6:00 AM	7.42	2/9/2016 6:00 AM	7.42
2/7/2016 6:15 AM	7.30	2/8/2016 6:15 AM	7.42	2/9/2016 6:15 AM	7.42
2/7/2016 6:30 AM	7.30	2/8/2016 6:30 AM	7.41	2/9/2016 6:30 AM	7.41
2/7/2016 6:45 AM	7.29	2/8/2016 6:45 AM	7.41	2/9/2016 6:45 AM	7.41
2/7/2016 7:00 AM	7.29	2/8/2016 7:00 AM	7.41	2/9/2016 7:00 AM	7.40
2/7/2016 7:15 AM	7.29	2/8/2016 7:15 AM	7.40	2/9/2016 7:15 AM	7.40
2/7/2016 7:30 AM	7.29	2/8/2016 7:30 AM	7.46	2/9/2016 7:30 AM	7.39
2/7/2016 7:45 AM	7.28	2/8/2016 7:45 AM	7.44	2/9/2016 7:45 AM	7.39
2/7/2016 8:00 AM	7.28	2/8/2016 8:00 AM	7.44	2/9/2016 8:00 AM	7.38
2/7/2016 8:15 AM	7.28	2/8/2016 8:15 AM	7.43	2/9/2016 8:15 AM	7.41
2/7/2016 8:30 AM	7.28	2/8/2016 8:30 AM	7.35	2/9/2016 8:30 AM	7.40
2/7/2016 8:45 AM	7.28	2/8/2016 8:45 AM	7.39	2/9/2016 8:45 AM	7.40
2/7/2016 9:00 AM	7.28	2/8/2016 9:00 AM	7.42	2/9/2016 9:00 AM	7.40
2/7/2016 9:15 AM	7.27	2/8/2016 9:15 AM	7.42	2/9/2016 9:15 AM	7.40
2/7/2016 9:30 AM	7.27	2/8/2016 9:30 AM	7.42	2/9/2016 9:30 AM	7.31
2/7/2016 9:45 AM	7.27	2/8/2016 9:45 AM	7.41	2/9/2016 9:45 AM	7.37
2/7/2016 10:00 AM	7.26	2/8/2016 10:00 AM	7.41	2/9/2016 10:00 AM	7.41
2/7/2016 10:15 AM	7.26	2/8/2016 10:15 AM	7.40	2/9/2016 10:15 AM	7.43
2/7/2016 10:30 AM	7.25	2/8/2016 10:30 AM	7.39	2/9/2016 10:30 AM	7.43
2/7/2016 10:45 AM	7.25	2/8/2016 10:45 AM	7.38	2/9/2016 10:45 AM	7.42
2/7/2016 11:00 AM	7.25	2/8/2016 11:00 AM	7.37	2/9/2016 11:00 AM	7.42
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2/7/2016 11:30 AM	7.24	2/8/2016 11:30 AM	7.37	2/9/2016 11:30 AM	7.42
2/7/2016 11:45 AM	7.37	2/8/2016 11:45 AM	7.37	2/9/2016 11:45 AM	7.41
2/7/2016 12:00 PM	7.37	2/8/2016 12:00 PM	7.36	2/9/2016 12:00 PM	7.40
2/7/2016 12:15 PM	7.36	2/8/2016 12:15 PM	7.36	2/9/2016 12:15 PM	7.40
2/7/2016 12:30 PM	7.35	2/8/2016 12:30 PM	7.36	2/9/2016 12:30 PM	7.39
2/7/2016 12:45 PM	7.35	2/8/2016 12:45 PM	7.35	2/9/2016 12:45 PM	7.39
2/7/2016 1:00 PM	7.34	2/8/2016 1:00 PM	7.36	2/9/2016 1:00 PM	7.38
2/7/2016 1:15 PM	7.33	2/8/2016 1:15 PM	7.35	2/9/2016 1:15 PM	7.37
2/7/2016 1:30 PM	7.27	2/8/2016 1:30 PM	7.35	2/9/2016 1:30 PM	7.37

2/7/2016 1:45 PM	7.33	2/8/2016 1:45 PM	7.34	2/9/2016 1:45 PM	7.37
2/7/2016 2:00 PM	7.38	2/8/2016 2:00 PM	7.33	2/9/2016 2:00 PM	7.37
2/7/2016 2:15 PM	7.37	2/8/2016 2:15 PM	7.32	2/9/2016 2:15 PM	7.36
2/7/2016 2:30 PM	7.36	2/8/2016 2:30 PM	7.32	2/9/2016 2:30 PM	7.35
2/7/2016 2:45 PM	7.36	2/8/2016 2:45 PM	7.31	2/9/2016 2:45 PM	7.39
2/7/2016 3:00 PM	7.36	2/8/2016 3:00 PM	7.32	2/9/2016 3:00 PM	7.39
2/7/2016 3:15 PM	7.36	2/8/2016 3:15 PM	7.32	2/9/2016 3:15 PM	7.32
2/7/2016 3:30 PM	7.36	2/8/2016 3:30 PM	7.32	2/9/2016 3:30 PM	7.36
2/7/2016 3:45 PM	7.36	2/8/2016 3:45 PM	7.33	2/9/2016 3:45 PM	7.38
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2/7/2016 4:15 PM	7.35	2/8/2016 4:15 PM	7.33	2/9/2016 4:15 PM	7.40
2/7/2016 4:30 PM	7.35	2/8/2016 4:30 PM	7.34	2/9/2016 4:30 PM	7.40
2/7/2016 4:45 PM	7.35	2/8/2016 4:45 PM	7.34	2/9/2016 4:45 PM	7.40
2/7/2016 5:00 PM	7.35	2/8/2016 5:00 PM	7.34	2/9/2016 5:00 PM	7.39
2/7/2016 5:15 PM	7.35	2/8/2016 5:15 PM	7.34	2/9/2016 5:15 PM	7.42
2/7/2016 5:30 PM	7.35	2/8/2016 5:30 PM	7.34	2/9/2016 5:30 PM	7.41
2/7/2016 5:45 PM	7.35	2/8/2016 5:45 PM	7.34	2/9/2016 5:45 PM	7.41
2/7/2016 6:00 PM	7.35	2/8/2016 6:00 PM	7.34	2/9/2016 6:00 PM	7.34
2/7/2016 6:15 PM	7.36	2/8/2016 6:15 PM	7.34	2/9/2016 6:15 PM	7.38
2/7/2016 6:30 PM	7.35	2/8/2016 6:30 PM	7.34	2/9/2016 6:30 PM	7.41
2/7/2016 6:45 PM	7.36	2/8/2016 6:45 PM	7.41	2/9/2016 6:45 PM	7.42
2/7/2016 7:00 PM	7.36	2/8/2016 7:00 PM	7.40	2/9/2016 7:00 PM	7.42
2/7/2016 7:15 PM	7.35	2/8/2016 7:15 PM	7.40	2/9/2016 7:15 PM	7.42
2/7/2016 7:30 PM	7.35	2/8/2016 7:30 PM	7.31	2/9/2016 7:30 PM	7.42
2/7/2016 7:45 PM	7.35	2/8/2016 7:45 PM	7.35	2/9/2016 7:45 PM	7.41
2/7/2016 8:00 PM	7.35	2/8/2016 8:00 PM	7.39	2/9/2016 8:00 PM	7.41
2/7/2016 8:15 PM	7.35	2/8/2016 8:15 PM	7.41	2/9/2016 8:15 PM	7.41
2/7/2016 8:30 PM	7.35	2/8/2016 8:30 PM	7.42	2/9/2016 8:30 PM	7.40
2/7/2016 8:45 PM	7.40	2/8/2016 8:45 PM	7.42	2/9/2016 8:45 PM	7.40
2/7/2016 9:00 PM	7.41	2/8/2016 9:00 PM	7.42	2/9/2016 9:00 PM	7.42
2/7/2016 9:15 PM	7.40	2/8/2016 9:15 PM	7.42	2/9/2016 9:15 PM	7.41
2/7/2016 9:30 PM	7.40	2/8/2016 9:30 PM	7.43	2/9/2016 9:30 PM	7.41
2/7/2016 9:45 PM	7.39	2/8/2016 9:45 PM	7.42	2/9/2016 9:45 PM	7.41
2/7/2016 10:00 PM	7.39	2/8/2016 10:00 PM	7.42	2/9/2016 10:00 PM	7.40
2/7/2016 10:15 PM	7.40	2/8/2016 10:15 PM	7.42	2/9/2016 10:15 PM	7.32
2/7/2016 10:30 PM	7.41	2/8/2016 10:30 PM	7.43	2/9/2016 10:30 PM	7.38
2/7/2016 10:45 PM	7.39	2/8/2016 10:45 PM	7.41	2/9/2016 10:45 PM	7.42
2/7/2016 11:00 PM	7.41	2/8/2016 11:00 PM	7.41	2/9/2016 11:00 PM	7.43
2/7/2016 11:15 PM	7.41	2/8/2016 11:15 PM	7.40	2/9/2016 11:15 PM	7.43
2/7/2016 11:30 PM	7.41	2/8/2016 11:30 PM	7.40	2/9/2016 11:30 PM	7.44
2/7/2016 11:45 PM	7.38	2/8/2016 11:45 PM	7.36	2/9/2016 11:45 PM	7.43

AVG

7.33

AVG

7.39

AVG

7.40

Date And Time	pH	Date And Time	pH	Date And Time	pH
2/10/2016 12:00 AM	7.43	2/11/2016 12:00 AM	7.46	2/12/2016 12:00 AM	7.35
2/10/2016 12:15 AM	7.43	2/11/2016 12:15 AM	7.42	2/12/2016 12:15 AM	7.40
2/10/2016 12:30 AM	7.42	2/11/2016 12:30 AM	7.41	2/12/2016 12:30 AM	7.45
2/10/2016 12:45 AM	7.42	2/11/2016 12:45 AM	7.41	2/12/2016 12:45 AM	7.47
2/10/2016 1:00 AM	7.41	2/11/2016 1:00 AM	7.36	2/12/2016 1:00 AM	7.47
2/10/2016 1:15 AM	7.41	2/11/2016 1:15 AM	7.40	2/12/2016 1:15 AM	7.47
2/10/2016 1:30 AM	7.43	2/11/2016 1:30 AM	7.43	2/12/2016 1:30 AM	7.46
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2/10/2016 2:45 AM	7.33	2/11/2016 2:45 AM	7.44	2/12/2016 2:45 AM	7.45
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2/10/2016 3:45 AM	7.44	2/11/2016 3:45 AM	7.44	2/12/2016 3:45 AM	7.44
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2/10/2016 8:30 AM	7.43	2/11/2016 8:30 AM	7.66	2/12/2016 8:30 AM	7.43
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2/10/2016 9:00 AM	7.42	2/11/2016 9:00 AM	7.54	2/12/2016 9:00 AM	7.42
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2/10/2016 1:15 PM	7.40	2/11/2016 1:15 PM	7.41	2/12/2016 1:15 PM	7.34
2/10/2016 1:30 PM	7.39	2/11/2016 1:30 PM	7.40	2/12/2016 1:30 PM	7.39

2/10/2016 1:45 PM	7.39	2/11/2016 1:45 PM	7.40	2/12/2016 1:45 PM	7.43
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2/10/2016 6:15 PM	7.43	2/11/2016 6:15 PM	7.42	2/12/2016 6:15 PM	7.39
2/10/2016 6:30 PM	7.43	2/11/2016 6:30 PM	7.42	2/12/2016 6:30 PM	7.38
2/10/2016 6:45 PM	7.43	2/11/2016 6:45 PM	7.42	2/12/2016 6:45 PM	7.38
2/10/2016 7:00 PM	7.42	2/11/2016 7:00 PM	7.42	2/12/2016 7:00 PM	7.38
2/10/2016 7:15 PM	7.42	2/11/2016 7:15 PM	7.42	2/12/2016 7:15 PM	7.38
2/10/2016 7:30 PM	7.43	2/11/2016 7:30 PM	7.41	2/12/2016 7:30 PM	7.38
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2/10/2016 8:15 PM	7.41	2/11/2016 8:15 PM	7.44	2/12/2016 8:15 PM	7.37
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2/10/2016 8:45 PM	7.36	2/11/2016 8:45 PM	7.46	2/12/2016 8:45 PM	7.37
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2/10/2016 10:30 PM	7.44	2/11/2016 10:30 PM	7.46	2/12/2016 10:30 PM	7.45
2/10/2016 10:45 PM	7.43	2/11/2016 10:45 PM	7.43	2/12/2016 10:45 PM	7.45
2/10/2016 11:00 PM	7.44	2/11/2016 11:00 PM	7.44	2/12/2016 11:00 PM	7.39
2/10/2016 11:15 PM	7.43	2/11/2016 11:15 PM	7.42	2/12/2016 11:15 PM	7.43
2/10/2016 11:30 PM	7.43	2/11/2016 11:30 PM	7.43	2/12/2016 11:30 PM	7.45
2/10/2016 11:45 PM	7.44	2/11/2016 11:45 PM	7.43	2/12/2016 11:45 PM	7.46

AVG

7.41

AVG

7.45

AVG

7.43

Date And Time	pH	Date And Time	pH	Date And Time	pH
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2/13/2016 12:45 AM	7.45	2/14/2016 12:45 AM	7.49	2/15/2016 12:45 AM	7.41
2/13/2016 1:00 AM	7.45	2/14/2016 1:00 AM	7.49	2/15/2016 1:00 AM	7.41
2/13/2016 1:15 AM	7.44	2/14/2016 1:15 AM	7.49	2/15/2016 1:15 AM	7.41
2/13/2016 1:30 AM	7.47	2/14/2016 1:30 AM	7.49	2/15/2016 1:30 AM	7.40
2/13/2016 1:45 AM	7.45	2/14/2016 1:45 AM	7.49	2/15/2016 1:45 AM	7.40
2/13/2016 2:00 AM	7.45	2/14/2016 2:00 AM	7.49	2/15/2016 2:00 AM	7.40
2/13/2016 2:15 AM	7.45	2/14/2016 2:15 AM	7.49	2/15/2016 2:15 AM	7.40
2/13/2016 2:30 AM	7.45	2/14/2016 2:30 AM	7.49	2/15/2016 2:30 AM	7.40
2/13/2016 2:45 AM	7.45	2/14/2016 2:45 AM	7.49	2/15/2016 2:45 AM	7.40
2/13/2016 3:00 AM	7.37	2/14/2016 3:00 AM	7.49	2/15/2016 3:00 AM	7.39
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2/13/2016 3:30 AM	7.47	2/14/2016 3:30 AM	7.49	2/15/2016 3:30 AM	7.39
2/13/2016 3:45 AM	7.48	2/14/2016 3:45 AM	7.49	2/15/2016 3:45 AM	7.39
2/13/2016 4:00 AM	7.49	2/14/2016 4:00 AM	7.49	2/15/2016 4:00 AM	7.39
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2/13/2016 4:45 AM	7.49	2/14/2016 4:45 AM	7.48	2/15/2016 4:45 AM	7.38
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2/13/2016 9:00 PM	7.47	2/14/2016 9:00 PM	7.44	2/15/2016 9:00 PM	7.43
2/13/2016 9:15 PM	7.49	2/14/2016 9:15 PM	7.44	2/15/2016 9:15 PM	7.43
2/13/2016 9:30 PM	7.51	2/14/2016 9:30 PM	7.44	2/15/2016 9:30 PM	7.42
2/13/2016 9:45 PM	7.51	2/14/2016 9:45 PM	7.44	2/15/2016 9:45 PM	7.42
2/13/2016 10:00 PM	7.51	2/14/2016 10:00 PM	7.43	2/15/2016 10:00 PM	7.41
2/13/2016 10:15 PM	7.51	2/14/2016 10:15 PM	7.43	2/15/2016 10:15 PM	7.40
2/13/2016 10:30 PM	7.51	2/14/2016 10:30 PM	7.43	2/15/2016 10:30 PM	7.40
2/13/2016 10:45 PM	7.51	2/14/2016 10:45 PM	7.43	2/15/2016 10:45 PM	7.40
2/13/2016 11:00 PM	7.50	2/14/2016 11:00 PM	7.43	2/15/2016 11:00 PM	7.39
2/13/2016 11:15 PM	7.51	2/14/2016 11:15 PM	7.42	2/15/2016 11:15 PM	7.39
2/13/2016 11:30 PM	7.50	2/14/2016 11:30 PM	7.42	2/15/2016 11:30 PM	7.39
2/13/2016 11:45 PM	7.50	2/14/2016 11:45 PM	7.42	2/15/2016 11:45 PM	7.38

AVG

7.47

AVG

7.45

AVG

7.38

Date And Time	pH	Date And Time	pH	Date And Time	pH
2/16/2016 12:00 AM	7.38	2/17/2016 12:00 AM	7.35	2/18/2016 12:00 AM	7.39
2/16/2016 12:15 AM	7.37	2/17/2016 12:15 AM	7.35	2/18/2016 12:15 AM	7.41
2/16/2016 12:30 AM	7.37	2/17/2016 12:30 AM	7.35	2/18/2016 12:30 AM	7.41
2/16/2016 12:45 AM	7.37	2/17/2016 12:45 AM	7.34	2/18/2016 12:45 AM	7.41
2/16/2016 1:00 AM	7.36	2/17/2016 1:00 AM	7.34	2/18/2016 1:00 AM	7.42
2/16/2016 1:15 AM	7.36	2/17/2016 1:15 AM	7.34	2/18/2016 1:15 AM	7.43
2/16/2016 1:30 AM	7.36	2/17/2016 1:30 AM	7.34	2/18/2016 1:30 AM	7.42
2/16/2016 1:45 AM	7.36	2/17/2016 1:45 AM	7.34	2/18/2016 1:45 AM	7.44
2/16/2016 2:00 AM	7.36	2/17/2016 2:00 AM	7.33	2/18/2016 2:00 AM	7.44
2/16/2016 2:15 AM	7.35	2/17/2016 2:15 AM	7.33	2/18/2016 2:15 AM	7.43
2/16/2016 2:30 AM	7.35	2/17/2016 2:30 AM	7.32	2/18/2016 2:30 AM	7.44
2/16/2016 2:45 AM	7.35	2/17/2016 2:45 AM	7.32	2/18/2016 2:45 AM	7.42
2/16/2016 3:00 AM	7.34	2/17/2016 3:00 AM	7.32	2/18/2016 3:00 AM	7.43
2/16/2016 3:15 AM	7.34	2/17/2016 3:15 AM	7.31	2/18/2016 3:15 AM	7.43
2/16/2016 3:30 AM	7.34	2/17/2016 3:30 AM	7.31	2/18/2016 3:30 AM	7.47
2/16/2016 3:45 AM	7.33	2/17/2016 3:45 AM	7.31	2/18/2016 3:45 AM	7.45
2/16/2016 4:00 AM	7.33	2/17/2016 4:00 AM	7.31	2/18/2016 4:00 AM	7.43
2/16/2016 4:15 AM	7.33	2/17/2016 4:15 AM	7.31	2/18/2016 4:15 AM	7.42
2/16/2016 4:30 AM	7.33	2/17/2016 4:30 AM	7.30	2/18/2016 4:30 AM	7.43
2/16/2016 4:45 AM	7.33	2/17/2016 4:45 AM	7.30	2/18/2016 4:45 AM	7.44
2/16/2016 5:00 AM	7.32	2/17/2016 5:00 AM	7.30	2/18/2016 5:00 AM	7.43
2/16/2016 5:15 AM	7.32	2/17/2016 5:15 AM	7.30	2/18/2016 5:15 AM	7.44
2/16/2016 5:30 AM	7.32	2/17/2016 5:30 AM	7.29	2/18/2016 5:30 AM	7.44
2/16/2016 5:45 AM	7.32	2/17/2016 5:45 AM	7.29	2/18/2016 5:45 AM	7.48
2/16/2016 6:00 AM	7.31	2/17/2016 6:00 AM	7.29	2/18/2016 6:00 AM	7.48
2/16/2016 6:15 AM	7.31	2/17/2016 6:15 AM	7.29	2/18/2016 6:15 AM	7.47
2/16/2016 6:30 AM	7.31	2/17/2016 6:30 AM	7.29	2/18/2016 6:30 AM	7.48
2/16/2016 6:45 AM	7.31	2/17/2016 6:45 AM	7.29	2/18/2016 6:45 AM	7.52
2/16/2016 7:00 AM	7.31	2/17/2016 7:00 AM	7.28	2/18/2016 7:00 AM	7.51
2/16/2016 7:15 AM	7.30	2/17/2016 7:15 AM	7.28	2/18/2016 7:15 AM	7.45
2/16/2016 7:30 AM	7.30	2/17/2016 7:30 AM	7.32	2/18/2016 7:30 AM	7.52
2/16/2016 7:45 AM	7.35	2/17/2016 7:45 AM	7.32	2/18/2016 7:45 AM	7.56
2/16/2016 8:00 AM	7.34	2/17/2016 8:00 AM	7.32	2/18/2016 8:00 AM	7.37
2/16/2016 8:15 AM	7.34	2/17/2016 8:15 AM	7.22	2/18/2016 8:15 AM	7.36
2/16/2016 8:30 AM	7.34	2/17/2016 8:30 AM	7.27	2/18/2016 8:30 AM	7.36
2/16/2016 8:45 AM	7.34	2/17/2016 8:45 AM	7.31	2/18/2016 8:45 AM	7.27
2/16/2016 9:00 AM	7.33	2/17/2016 9:00 AM	7.33	2/18/2016 9:00 AM	7.31
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2/16/2016 9:30 AM	7.32	2/17/2016 9:30 AM	7.33	2/18/2016 9:30 AM	7.34
2/16/2016 9:45 AM	7.29	2/17/2016 9:45 AM	7.30	2/18/2016 9:45 AM	7.34
2/16/2016 10:00 AM	7.35	2/17/2016 10:00 AM	7.27	2/18/2016 10:00 AM	7.34
2/16/2016 10:15 AM	7.38	2/17/2016 10:15 AM	7.25	2/18/2016 10:15 AM	7.33
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2/16/2016 12:30 PM	7.33	2/17/2016 12:30 PM	7.28	2/18/2016 12:30 PM	7.33
2/16/2016 12:45 PM	7.28	2/17/2016 12:45 PM	7.28	2/18/2016 12:45 PM	7.33
2/16/2016 1:00 PM	7.27	2/17/2016 1:00 PM	7.28	2/18/2016 1:00 PM	7.24
2/16/2016 1:15 PM	7.25	2/17/2016 1:15 PM	7.27	2/18/2016 1:15 PM	7.30
2/16/2016 1:30 PM	7.24	2/17/2016 1:30 PM	7.27	2/18/2016 1:30 PM	7.35

2/16/2016 1:45 PM	7.23	2/17/2016 1:45 PM	7.28	2/18/2016 1:45 PM	7.37
2/16/2016 2:00 PM	7.23	2/17/2016 2:00 PM	7.28	2/18/2016 2:00 PM	7.39
2/16/2016 2:15 PM	7.24	2/17/2016 2:15 PM	7.27	2/18/2016 2:15 PM	7.35
2/16/2016 2:30 PM	7.24	2/17/2016 2:30 PM	7.28	2/18/2016 2:30 PM	7.36
2/16/2016 2:45 PM	7.24	2/17/2016 2:45 PM	7.28	2/18/2016 2:45 PM	7.36
2/16/2016 3:00 PM	7.24	2/17/2016 3:00 PM	7.28	2/18/2016 3:00 PM	7.37
2/16/2016 3:15 PM	7.25	2/17/2016 3:15 PM	7.30	2/18/2016 3:15 PM	7.34
2/16/2016 3:30 PM	7.30	2/17/2016 3:30 PM	7.30	2/18/2016 3:30 PM	7.38
2/16/2016 3:45 PM	7.32	2/17/2016 3:45 PM	7.30	2/18/2016 3:45 PM	7.39
2/16/2016 4:00 PM	7.33	2/17/2016 4:00 PM	7.31	2/18/2016 4:00 PM	7.40
2/16/2016 4:15 PM	7.33	2/17/2016 4:15 PM	7.30	2/18/2016 4:15 PM	7.40
2/16/2016 4:30 PM	7.34	2/17/2016 4:30 PM	7.30	2/18/2016 4:30 PM	7.40
2/16/2016 4:45 PM	7.34	2/17/2016 4:45 PM	7.31	2/18/2016 4:45 PM	7.40
2/16/2016 5:00 PM	7.29	2/17/2016 5:00 PM	7.23	2/18/2016 5:00 PM	7.40
2/16/2016 5:15 PM	7.28	2/17/2016 5:15 PM	7.29	2/18/2016 5:15 PM	7.46
2/16/2016 5:30 PM	7.28	2/17/2016 5:30 PM	7.33	2/18/2016 5:30 PM	7.41
2/16/2016 5:45 PM	7.28	2/17/2016 5:45 PM	7.36	2/18/2016 5:45 PM	7.41
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2/16/2016 6:15 PM	7.28	2/17/2016 6:15 PM	7.37	2/18/2016 6:15 PM	7.41
2/16/2016 6:30 PM	7.28	2/17/2016 6:30 PM	7.37	2/18/2016 6:30 PM	7.34
2/16/2016 6:45 PM	7.24	2/17/2016 6:45 PM	7.37	2/18/2016 6:45 PM	7.39
2/16/2016 7:00 PM	7.30	2/17/2016 7:00 PM	7.38	2/18/2016 7:00 PM	7.42
2/16/2016 7:15 PM	7.34	2/17/2016 7:15 PM	7.38	2/18/2016 7:15 PM	7.44
2/16/2016 7:30 PM	7.35	2/17/2016 7:30 PM	7.38	2/18/2016 7:30 PM	7.44
2/16/2016 7:45 PM	7.36	2/17/2016 7:45 PM	7.38	2/18/2016 7:45 PM	7.44
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2/16/2016 8:15 PM	7.36	2/17/2016 8:15 PM	7.38	2/18/2016 8:15 PM	7.44
2/16/2016 8:30 PM	7.36	2/17/2016 8:30 PM	7.38	2/18/2016 8:30 PM	7.44
2/16/2016 8:45 PM	7.35	2/17/2016 8:45 PM	7.38	2/18/2016 8:45 PM	7.43
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2/16/2016 9:45 PM	7.30	2/17/2016 9:45 PM	7.36	2/18/2016 9:45 PM	7.44
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2/16/2016 10:30 PM	7.29	2/17/2016 10:30 PM	7.36	2/18/2016 10:30 PM	7.44
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2/16/2016 11:30 PM	7.35	2/17/2016 11:30 PM	7.31	2/18/2016 11:30 PM	7.48
2/16/2016 11:45 PM	7.35	2/17/2016 11:45 PM	7.36	2/18/2016 11:45 PM	7.48

AVG

7.32

AVG

7.31

AVG

7.41

Date And Time	pH	Date And Time	pH	Date And Time	pH
2/19/2016 12:00 AM	7.48	2/20/2016 12:00 AM	7.50	2/21/2016 12:00 AM	7.45
2/19/2016 12:15 AM	7.47	2/20/2016 12:15 AM	7.48	2/21/2016 12:15 AM	7.39
2/19/2016 12:30 AM	7.47	2/20/2016 12:30 AM	7.47	2/21/2016 12:30 AM	7.44
2/19/2016 12:45 AM	7.47	2/20/2016 12:45 AM	7.47	2/21/2016 12:45 AM	7.47
2/19/2016 1:00 AM	7.47	2/20/2016 1:00 AM	7.47	2/21/2016 1:00 AM	7.48
2/19/2016 1:15 AM	7.46	2/20/2016 1:15 AM	7.42	2/21/2016 1:15 AM	7.48
2/19/2016 1:30 AM	7.46	2/20/2016 1:30 AM	7.47	2/21/2016 1:30 AM	7.48
2/19/2016 1:45 AM	7.46	2/20/2016 1:45 AM	7.49	2/21/2016 1:45 AM	7.48
2/19/2016 2:00 AM	7.46	2/20/2016 2:00 AM	7.50	2/21/2016 2:00 AM	7.48
2/19/2016 2:15 AM	7.45	2/20/2016 2:15 AM	7.51	2/21/2016 2:15 AM	7.48
2/19/2016 2:30 AM	7.45	2/20/2016 2:30 AM	7.51	2/21/2016 2:30 AM	7.48
2/19/2016 2:45 AM	7.45	2/20/2016 2:45 AM	7.51	2/21/2016 2:45 AM	7.47
2/19/2016 3:00 AM	7.45	2/20/2016 3:00 AM	7.52	2/21/2016 3:00 AM	7.52
2/19/2016 3:15 AM	7.44	2/20/2016 3:15 AM	7.51	2/21/2016 3:15 AM	7.47
2/19/2016 3:30 AM	7.44	2/20/2016 3:30 AM	7.51	2/21/2016 3:30 AM	7.46
2/19/2016 3:45 AM	7.44	2/20/2016 3:45 AM	7.51	2/21/2016 3:45 AM	7.46
2/19/2016 4:00 AM	7.44	2/20/2016 4:00 AM	7.51	2/21/2016 4:00 AM	7.46
2/19/2016 4:15 AM	7.44	2/20/2016 4:15 AM	7.50	2/21/2016 4:15 AM	7.46
2/19/2016 4:30 AM	7.43	2/20/2016 4:30 AM	7.50	2/21/2016 4:30 AM	7.39
2/19/2016 4:45 AM	7.43	2/20/2016 4:45 AM	7.50	2/21/2016 4:45 AM	7.44
2/19/2016 5:00 AM	7.43	2/20/2016 5:00 AM	7.50	2/21/2016 5:00 AM	7.47
2/19/2016 5:15 AM	7.43	2/20/2016 5:15 AM	7.49	2/21/2016 5:15 AM	7.49
2/19/2016 5:30 AM	7.43	2/20/2016 5:30 AM	7.49	2/21/2016 5:30 AM	7.50
2/19/2016 5:45 AM	7.42	2/20/2016 5:45 AM	7.49	2/21/2016 5:45 AM	7.49
2/19/2016 6:00 AM	7.42	2/20/2016 6:00 AM	7.48	2/21/2016 6:00 AM	7.49
2/19/2016 6:15 AM	7.42	2/20/2016 6:15 AM	7.48	2/21/2016 6:15 AM	7.49
2/19/2016 6:30 AM	7.42	2/20/2016 6:30 AM	7.47	2/21/2016 6:30 AM	7.49
2/19/2016 6:45 AM	7.41	2/20/2016 6:45 AM	7.47	2/21/2016 6:45 AM	7.49
2/19/2016 7:00 AM	7.41	2/20/2016 7:00 AM	7.46	2/21/2016 7:00 AM	7.49
2/19/2016 7:15 AM	7.45	2/20/2016 7:15 AM	7.46	2/21/2016 7:15 AM	7.49
2/19/2016 7:30 AM	7.45	2/20/2016 7:30 AM	7.45	2/21/2016 7:30 AM	7.48
2/19/2016 7:45 AM	7.44	2/20/2016 7:45 AM	7.45	2/21/2016 7:45 AM	7.47
2/19/2016 8:00 AM	7.44	2/20/2016 8:00 AM	7.44	2/21/2016 8:00 AM	7.48
2/19/2016 8:15 AM	7.44	2/20/2016 8:15 AM	7.44	2/21/2016 8:15 AM	7.48
2/19/2016 8:30 AM	7.43	2/20/2016 8:30 AM	7.44	2/21/2016 8:30 AM	7.47
2/19/2016 8:45 AM	7.43	2/20/2016 8:45 AM	7.43	2/21/2016 8:45 AM	7.47
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2/19/2016 9:30 AM	7.46	2/20/2016 9:30 AM	7.40	2/21/2016 9:30 AM	7.46
2/19/2016 9:45 AM	7.47	2/20/2016 9:45 AM	7.39	2/21/2016 9:45 AM	7.46
2/19/2016 10:00 AM	7.47	2/20/2016 10:00 AM	7.38	2/21/2016 10:00 AM	7.45
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2/19/2016 10:30 AM	7.45	2/20/2016 10:30 AM	7.38	2/21/2016 10:30 AM	7.44
2/19/2016 10:45 AM	7.44	2/20/2016 10:45 AM	7.37	2/21/2016 10:45 AM	7.45
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2/19/2016 11:30 AM	7.42	2/20/2016 11:30 AM	7.35	2/21/2016 11:30 AM	7.45
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2/19/2016 12:30 PM	7.41	2/20/2016 12:30 PM	7.33	2/21/2016 12:30 PM	7.43
2/19/2016 12:45 PM	7.33	2/20/2016 12:45 PM	7.32	2/21/2016 12:45 PM	7.43
2/19/2016 1:00 PM	7.37	2/20/2016 1:00 PM	7.36	2/21/2016 1:00 PM	7.48
2/19/2016 1:15 PM	7.40	2/20/2016 1:15 PM	7.36	2/21/2016 1:15 PM	7.45
2/19/2016 1:30 PM	7.43	2/20/2016 1:30 PM	7.33	2/21/2016 1:30 PM	7.44

2/19/2016 1:45 PM	7.43	2/20/2016 1:45 PM	7.32	2/21/2016 1:45 PM	7.37
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2/19/2016 4:15 PM	7.43	2/20/2016 4:15 PM	7.41	2/21/2016 4:15 PM	7.44
2/19/2016 4:30 PM	7.42	2/20/2016 4:30 PM	7.40	2/21/2016 4:30 PM	7.44
2/19/2016 4:45 PM	7.43	2/20/2016 4:45 PM	7.40	2/21/2016 4:45 PM	7.42
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2/19/2016 5:15 PM	7.43	2/20/2016 5:15 PM	7.39	2/21/2016 5:15 PM	7.42
2/19/2016 5:30 PM	7.43	2/20/2016 5:30 PM	7.39	2/21/2016 5:30 PM	7.42
2/19/2016 5:45 PM	7.43	2/20/2016 5:45 PM	7.39	2/21/2016 5:45 PM	7.42
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2/19/2016 6:15 PM	7.43	2/20/2016 6:15 PM	7.41	2/21/2016 6:15 PM	7.37
2/19/2016 6:30 PM	7.43	2/20/2016 6:30 PM	7.42	2/21/2016 6:30 PM	7.42
2/19/2016 6:45 PM	7.43	2/20/2016 6:45 PM	7.42	2/21/2016 6:45 PM	7.45
2/19/2016 7:00 PM	7.48	2/20/2016 7:00 PM	7.42	2/21/2016 7:00 PM	7.46
2/19/2016 7:15 PM	7.46	2/20/2016 7:15 PM	7.42	2/21/2016 7:15 PM	7.46
2/19/2016 7:30 PM	7.45	2/20/2016 7:30 PM	7.42	2/21/2016 7:30 PM	7.46
2/19/2016 7:45 PM	7.46	2/20/2016 7:45 PM	7.36	2/21/2016 7:45 PM	7.47
2/19/2016 8:00 PM	7.45	2/20/2016 8:00 PM	7.40	2/21/2016 8:00 PM	7.47
2/19/2016 8:15 PM	7.44	2/20/2016 8:15 PM	7.43	2/21/2016 8:15 PM	7.47
2/19/2016 8:30 PM	7.45	2/20/2016 8:30 PM	7.45	2/21/2016 8:30 PM	7.47
2/19/2016 8:45 PM	7.45	2/20/2016 8:45 PM	7.45	2/21/2016 8:45 PM	7.46
2/19/2016 9:00 PM	7.37	2/20/2016 9:00 PM	7.45	2/21/2016 9:00 PM	7.47
2/19/2016 9:15 PM	7.42	2/20/2016 9:15 PM	7.45	2/21/2016 9:15 PM	7.46
2/19/2016 9:30 PM	7.46	2/20/2016 9:30 PM	7.45	2/21/2016 9:30 PM	7.46
2/19/2016 9:45 PM	7.48	2/20/2016 9:45 PM	7.44	2/21/2016 9:45 PM	7.46
2/19/2016 10:00 PM	7.49	2/20/2016 10:00 PM	7.44	2/21/2016 10:00 PM	7.46
2/19/2016 10:15 PM	7.49	2/20/2016 10:15 PM	7.44	2/21/2016 10:15 PM	7.41
2/19/2016 10:30 PM	7.50	2/20/2016 10:30 PM	7.46	2/21/2016 10:30 PM	7.46
2/19/2016 10:45 PM	7.50	2/20/2016 10:45 PM	7.45	2/21/2016 10:45 PM	7.49
2/19/2016 11:00 PM	7.50	2/20/2016 11:00 PM	7.45	2/21/2016 11:00 PM	7.50
2/19/2016 11:15 PM	7.49	2/20/2016 11:15 PM	7.45	2/21/2016 11:15 PM	7.51
2/19/2016 11:30 PM	7.49	2/20/2016 11:30 PM	7.44	2/21/2016 11:30 PM	7.51
2/19/2016 11:45 PM	7.49	2/20/2016 11:45 PM	7.45	2/21/2016 11:45 PM	7.51

AVG

7.44

AVG

7.42

AVG

7.46

Date And Time	pH	Date And Time	pH	Date And Time	pH
2/22/2016 12:00 AM	7.51	2/23/2016 12:00 AM	7.51	2/24/2016 12:00 AM	7.50
2/22/2016 12:15 AM	7.50	2/23/2016 12:15 AM	7.49	2/24/2016 12:15 AM	7.46
2/22/2016 12:30 AM	7.50	2/23/2016 12:30 AM	7.48	2/24/2016 12:30 AM	7.50
2/22/2016 12:45 AM	7.51	2/23/2016 12:45 AM	7.48	2/24/2016 12:45 AM	7.53
2/22/2016 1:00 AM	7.50	2/23/2016 1:00 AM	7.48	2/24/2016 1:00 AM	7.53
2/22/2016 1:15 AM	7.51	2/23/2016 1:15 AM	7.43	2/24/2016 1:15 AM	7.53
2/22/2016 1:30 AM	7.50	2/23/2016 1:30 AM	7.47	2/24/2016 1:30 AM	7.53
2/22/2016 1:45 AM	7.49	2/23/2016 1:45 AM	7.50	2/24/2016 1:45 AM	7.52
2/22/2016 2:00 AM	7.48	2/23/2016 2:00 AM	7.52	2/24/2016 2:00 AM	7.52
2/22/2016 2:15 AM	7.48	2/23/2016 2:15 AM	7.53	2/24/2016 2:15 AM	7.51
2/22/2016 2:30 AM	7.48	2/23/2016 2:30 AM	7.53	2/24/2016 2:30 AM	7.51
2/22/2016 2:45 AM	7.48	2/23/2016 2:45 AM	7.53	2/24/2016 2:45 AM	7.51
2/22/2016 3:00 AM	7.47	2/23/2016 3:00 AM	7.53	2/24/2016 3:00 AM	7.50
2/22/2016 3:15 AM	7.45	2/23/2016 3:15 AM	7.52	2/24/2016 3:15 AM	7.50
2/22/2016 3:30 AM	7.49	2/23/2016 3:30 AM	7.52	2/24/2016 3:30 AM	7.49
2/22/2016 3:45 AM	7.52	2/23/2016 3:45 AM	7.52	2/24/2016 3:45 AM	7.49
2/22/2016 4:00 AM	7.52	2/23/2016 4:00 AM	7.52	2/24/2016 4:00 AM	7.49
2/22/2016 4:15 AM	7.53	2/23/2016 4:15 AM	7.53	2/24/2016 4:15 AM	7.48
2/22/2016 4:30 AM	7.53	2/23/2016 4:30 AM	7.52	2/24/2016 4:30 AM	7.48
2/22/2016 4:45 AM	7.52	2/23/2016 4:45 AM	7.50	2/24/2016 4:45 AM	7.47
2/22/2016 5:00 AM	7.52	2/23/2016 5:00 AM	7.49	2/24/2016 5:00 AM	7.47
2/22/2016 5:15 AM	7.51	2/23/2016 5:15 AM	7.49	2/24/2016 5:15 AM	7.47
2/22/2016 5:30 AM	7.51	2/23/2016 5:30 AM	7.49	2/24/2016 5:30 AM	7.46
2/22/2016 5:45 AM	7.50	2/23/2016 5:45 AM	7.49	2/24/2016 5:45 AM	7.46
2/22/2016 6:00 AM	7.51	2/23/2016 6:00 AM	7.48	2/24/2016 6:00 AM	7.46
2/22/2016 6:15 AM	7.50	2/23/2016 6:15 AM	7.46	2/24/2016 6:15 AM	7.45
2/22/2016 6:30 AM	7.50	2/23/2016 6:30 AM	7.50	2/24/2016 6:30 AM	7.45
2/22/2016 6:45 AM	7.49	2/23/2016 6:45 AM	7.52	2/24/2016 6:45 AM	7.45
2/22/2016 7:00 AM	7.49	2/23/2016 7:00 AM	7.53	2/24/2016 7:00 AM	7.44
2/22/2016 7:15 AM	7.44	2/23/2016 7:15 AM	7.54	2/24/2016 7:15 AM	7.45
2/22/2016 7:30 AM	7.49	2/23/2016 7:30 AM	7.53	2/24/2016 7:30 AM	7.50
2/22/2016 7:45 AM	7.51	2/23/2016 7:45 AM	7.53	2/24/2016 7:45 AM	7.49
2/22/2016 8:00 AM	7.52	2/23/2016 8:00 AM	7.52	2/24/2016 8:00 AM	7.49
2/22/2016 8:15 AM	7.51	2/23/2016 8:15 AM	7.52	2/24/2016 8:15 AM	7.49
2/22/2016 8:30 AM	7.50	2/23/2016 8:30 AM	7.51	2/24/2016 8:30 AM	7.49
2/22/2016 8:45 AM	7.49	2/23/2016 8:45 AM	7.51	2/24/2016 8:45 AM	7.48
2/22/2016 9:00 AM	7.48	2/23/2016 9:00 AM	7.50	2/24/2016 9:00 AM	7.40
2/22/2016 9:15 AM	7.47	2/23/2016 9:15 AM	7.50	2/24/2016 9:15 AM	7.46
2/22/2016 9:30 AM	7.47	2/23/2016 9:30 AM	7.50	2/24/2016 9:30 AM	7.49
2/22/2016 9:45 AM	7.46	2/23/2016 9:45 AM	7.49	2/24/2016 9:45 AM	7.51
2/22/2016 10:00 AM	7.46	2/23/2016 10:00 AM	7.49	2/24/2016 10:00 AM	7.51
2/22/2016 10:15 AM	7.46	2/23/2016 10:15 AM	7.49	2/24/2016 10:15 AM	7.51
2/22/2016 10:30 AM	7.46	2/23/2016 10:30 AM	7.48	2/24/2016 10:30 AM	7.51
2/22/2016 10:45 AM	7.45	2/23/2016 10:45 AM	7.48	2/24/2016 10:45 AM	7.51
2/22/2016 11:00 AM	7.45	2/23/2016 11:00 AM	7.47	2/24/2016 11:00 AM	7.50
2/22/2016 11:15 AM	7.45	2/23/2016 11:15 AM	7.47	2/24/2016 11:15 AM	7.50
2/22/2016 11:30 AM	7.44	2/23/2016 11:30 AM	7.46	2/24/2016 11:30 AM	7.49
2/22/2016 11:45 AM	7.43	2/23/2016 11:45 AM	7.46	2/24/2016 11:45 AM	7.49
2/22/2016 12:00 PM	7.43	2/23/2016 12:00 PM	7.46	2/24/2016 12:00 PM	7.49
2/22/2016 12:15 PM	7.42	2/23/2016 12:15 PM	7.45	2/24/2016 12:15 PM	7.48
2/22/2016 12:30 PM	7.42	2/23/2016 12:30 PM	7.45	2/24/2016 12:30 PM	7.48
2/22/2016 12:45 PM	7.41	2/23/2016 12:45 PM	7.45	2/24/2016 12:45 PM	7.47
2/22/2016 1:00 PM	7.40	2/23/2016 1:00 PM	7.45	2/24/2016 1:00 PM	7.47
2/22/2016 1:15 PM	7.40	2/23/2016 1:15 PM	7.44	2/24/2016 1:15 PM	7.47
2/22/2016 1:30 PM	7.41	2/23/2016 1:30 PM	7.44	2/24/2016 1:30 PM	7.46

2/22/2016 1:45 PM	7.40	2/23/2016 1:45 PM	7.44	2/24/2016 1:45 PM	7.45
2/22/2016 2:00 PM	7.40	2/23/2016 2:00 PM	7.43	2/24/2016 2:00 PM	7.45
2/22/2016 2:15 PM	7.40	2/23/2016 2:15 PM	7.43	2/24/2016 2:15 PM	7.44
2/22/2016 2:30 PM	7.40	2/23/2016 2:30 PM	7.51	2/24/2016 2:30 PM	7.44
2/22/2016 2:45 PM	7.39	2/23/2016 2:45 PM	7.51	2/24/2016 2:45 PM	7.44
2/22/2016 3:00 PM	7.39	2/23/2016 3:00 PM	7.42	2/24/2016 3:00 PM	7.44
2/22/2016 3:15 PM	7.39	2/23/2016 3:15 PM	7.46	2/24/2016 3:15 PM	7.44
2/22/2016 3:30 PM	7.40	2/23/2016 3:30 PM	7.48	2/24/2016 3:30 PM	7.44
2/22/2016 3:45 PM	7.46	2/23/2016 3:45 PM	7.49	2/24/2016 3:45 PM	7.43
2/22/2016 4:00 PM	7.46	2/23/2016 4:00 PM	7.50	2/24/2016 4:00 PM	7.44
2/22/2016 4:15 PM	7.45	2/23/2016 4:15 PM	7.50	2/24/2016 4:15 PM	7.43
2/22/2016 4:30 PM	7.37	2/23/2016 4:30 PM	7.50	2/24/2016 4:30 PM	7.43
2/22/2016 4:45 PM	7.41	2/23/2016 4:45 PM	7.50	2/24/2016 4:45 PM	7.43
2/22/2016 5:00 PM	7.45	2/23/2016 5:00 PM	7.50	2/24/2016 5:00 PM	7.43
2/22/2016 5:15 PM	7.46	2/23/2016 5:15 PM	7.50	2/24/2016 5:15 PM	7.43
2/22/2016 5:30 PM	7.48	2/23/2016 5:30 PM	7.49	2/24/2016 5:30 PM	7.42
2/22/2016 5:45 PM	7.48	2/23/2016 5:45 PM	7.49	2/24/2016 5:45 PM	7.42
2/22/2016 6:00 PM	7.48	2/23/2016 6:00 PM	7.52	2/24/2016 6:00 PM	7.48
2/22/2016 6:15 PM	7.48	2/23/2016 6:15 PM	7.51	2/24/2016 6:15 PM	7.47
2/22/2016 6:30 PM	7.48	2/23/2016 6:30 PM	7.51	2/24/2016 6:30 PM	7.47
2/22/2016 6:45 PM	7.48	2/23/2016 6:45 PM	7.51	2/24/2016 6:45 PM	7.46
2/22/2016 7:00 PM	7.48	2/23/2016 7:00 PM	7.50	2/24/2016 7:00 PM	7.46
2/22/2016 7:15 PM	7.48	2/23/2016 7:15 PM	7.50	2/24/2016 7:15 PM	7.46
2/22/2016 7:30 PM	7.48	2/23/2016 7:30 PM	7.42	2/24/2016 7:30 PM	7.46
2/22/2016 7:45 PM	7.47	2/23/2016 7:45 PM	7.48	2/24/2016 7:45 PM	7.46
2/22/2016 8:00 PM	7.47	2/23/2016 8:00 PM	7.51	2/24/2016 8:00 PM	7.46
2/22/2016 8:15 PM	7.47	2/23/2016 8:15 PM	7.52	2/24/2016 8:15 PM	7.47
2/22/2016 8:30 PM	7.47	2/23/2016 8:30 PM	7.53	2/24/2016 8:30 PM	7.47
2/22/2016 8:45 PM	7.47	2/23/2016 8:45 PM	7.53	2/24/2016 8:45 PM	7.41
2/22/2016 9:00 PM	7.42	2/23/2016 9:00 PM	7.52	2/24/2016 9:00 PM	7.45
2/22/2016 9:15 PM	7.47	2/23/2016 9:15 PM	7.52	2/24/2016 9:15 PM	7.49
2/22/2016 9:30 PM	7.50	2/23/2016 9:30 PM	7.52	2/24/2016 9:30 PM	7.51
2/22/2016 9:45 PM	7.52	2/23/2016 9:45 PM	7.51	2/24/2016 9:45 PM	7.52
2/22/2016 10:00 PM	7.52	2/23/2016 10:00 PM	7.51	2/24/2016 10:00 PM	7.52
2/22/2016 10:15 PM	7.52	2/23/2016 10:15 PM	7.50	2/24/2016 10:15 PM	7.52
2/22/2016 10:30 PM	7.52	2/23/2016 10:30 PM	7.52	2/24/2016 10:30 PM	7.51
2/22/2016 10:45 PM	7.52	2/23/2016 10:45 PM	7.51	2/24/2016 10:45 PM	7.51
2/22/2016 11:00 PM	7.52	2/23/2016 11:00 PM	7.50	2/24/2016 11:00 PM	7.51
2/22/2016 11:15 PM	7.52	2/23/2016 11:15 PM	7.50	2/24/2016 11:15 PM	7.51
2/22/2016 11:30 PM	7.51	2/23/2016 11:30 PM	7.50	2/24/2016 11:30 PM	7.51
2/22/2016 11:45 PM	7.51	2/23/2016 11:45 PM	7.50	2/24/2016 11:45 PM	7.50

AVG

7.47

AVG

7.49

AVG

7.48

Date And Time	pH	Date And Time	pH	Date And Time	pH
2/25/2016 12:00 AM	7.50	2/26/2016 12:00 AM	7.56	2/27/2016 12:00 AM	7.46
2/25/2016 12:15 AM	7.50	2/26/2016 12:15 AM	7.56	2/27/2016 12:15 AM	7.46
2/25/2016 12:30 AM	7.50	2/26/2016 12:30 AM	7.56	2/27/2016 12:30 AM	7.46
2/25/2016 12:45 AM	7.50	2/26/2016 12:45 AM	7.55	2/27/2016 12:45 AM	7.57
2/25/2016 1:00 AM	7.50	2/26/2016 1:00 AM	7.55	2/27/2016 1:00 AM	7.56
2/25/2016 1:15 AM	7.52	2/26/2016 1:15 AM	7.55	2/27/2016 1:15 AM	7.56
2/25/2016 1:30 AM	7.50	2/26/2016 1:30 AM	7.54	2/27/2016 1:30 AM	7.56
2/25/2016 1:45 AM	7.49	2/26/2016 1:45 AM	7.54	2/27/2016 1:45 AM	7.55
2/25/2016 2:00 AM	7.48	2/26/2016 2:00 AM	7.54	2/27/2016 2:00 AM	7.47
2/25/2016 2:15 AM	7.48	2/26/2016 2:15 AM	7.53	2/27/2016 2:15 AM	7.52
2/25/2016 2:30 AM	7.47	2/26/2016 2:30 AM	7.53	2/27/2016 2:30 AM	7.55
2/25/2016 2:45 AM	7.47	2/26/2016 2:45 AM	7.52	2/27/2016 2:45 AM	7.56
2/25/2016 3:00 AM	7.46	2/26/2016 3:00 AM	7.52	2/27/2016 3:00 AM	7.56
2/25/2016 3:15 AM	7.40	2/26/2016 3:15 AM	7.52	2/27/2016 3:15 AM	7.56
2/25/2016 3:30 AM	7.46	2/26/2016 3:30 AM	7.52	2/27/2016 3:30 AM	7.56
2/25/2016 3:45 AM	7.49	2/26/2016 3:45 AM	7.51	2/27/2016 3:45 AM	7.55
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2/25/2016 4:15 AM	7.51	2/26/2016 4:15 AM	7.50	2/27/2016 4:15 AM	7.55
2/25/2016 4:30 AM	7.51	2/26/2016 4:30 AM	7.55	2/27/2016 4:30 AM	7.54
2/25/2016 4:45 AM	7.51	2/26/2016 4:45 AM	7.54	2/27/2016 4:45 AM	7.54
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2/25/2016 10:45 AM	7.49	2/26/2016 10:45 AM	7.50	2/27/2016 10:45 AM	7.53
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2/25/2016 12:45 PM	7.49	2/26/2016 12:45 PM	7.47	2/27/2016 12:45 PM	7.52
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2/25/2016 1:45 PM	7.48	2/26/2016 1:45 PM	7.53	2/27/2016 1:45 PM	7.51

2/25/2016 2:00 PM	7.49	2/26/2016 2:00 PM	7.52	2/27/2016 2:00 PM	7.44
2/25/2016 2:15 PM	7.49	2/26/2016 2:15 PM	7.52	2/27/2016 2:15 PM	7.51
2/25/2016 2:30 PM	7.49	2/26/2016 2:30 PM	7.52	2/27/2016 2:30 PM	7.55
2/25/2016 2:45 PM	7.49	2/26/2016 2:45 PM	7.43	2/27/2016 2:45 PM	7.56
2/25/2016 3:00 PM	7.49	2/26/2016 3:00 PM	7.49	2/27/2016 3:00 PM	7.57
2/25/2016 3:15 PM	7.49	2/26/2016 3:15 PM	7.53	2/27/2016 3:15 PM	7.57
2/25/2016 3:30 PM	7.48	2/26/2016 3:30 PM	7.54	2/27/2016 3:30 PM	7.57
2/25/2016 3:45 PM	7.55	2/26/2016 3:45 PM	7.54	2/27/2016 3:45 PM	7.57
2/25/2016 4:00 PM	7.50	2/26/2016 4:00 PM	7.54	2/27/2016 4:00 PM	7.57
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2/25/2016 4:30 PM	7.50	2/26/2016 4:30 PM	7.54	2/27/2016 4:30 PM	7.56
2/25/2016 4:45 PM	7.50	2/26/2016 4:45 PM	7.54	2/27/2016 4:45 PM	7.56
2/25/2016 5:00 PM	7.50	2/26/2016 5:00 PM	7.54	2/27/2016 5:00 PM	7.56
2/25/2016 5:15 PM	7.49	2/26/2016 5:15 PM	7.53	2/27/2016 5:15 PM	7.55
2/25/2016 5:30 PM	7.49	2/26/2016 5:30 PM	7.53	2/27/2016 5:30 PM	7.56
2/25/2016 5:45 PM	7.49	2/26/2016 5:45 PM	7.53	2/27/2016 5:45 PM	7.56
2/25/2016 6:00 PM	7.50	2/26/2016 6:00 PM	7.52	2/27/2016 6:00 PM	7.56
2/25/2016 6:15 PM	7.50	2/26/2016 6:15 PM	7.52	2/27/2016 6:15 PM	7.57
2/25/2016 6:30 PM	7.51	2/26/2016 6:30 PM	7.52	2/27/2016 6:30 PM	7.56
2/25/2016 6:45 PM	7.47	2/26/2016 6:45 PM	7.51	2/27/2016 6:45 PM	7.56
2/25/2016 7:00 PM	7.52	2/26/2016 7:00 PM	7.51	2/27/2016 7:00 PM	7.56
2/25/2016 7:15 PM	7.54	2/26/2016 7:15 PM	7.51	2/27/2016 7:15 PM	7.56
2/25/2016 7:30 PM	7.55	2/26/2016 7:30 PM	7.51	2/27/2016 7:30 PM	7.56
2/25/2016 7:45 PM	7.53	2/26/2016 7:45 PM	7.50	2/27/2016 7:45 PM	7.56
2/25/2016 8:00 PM	7.53	2/26/2016 8:00 PM	7.50	2/27/2016 8:00 PM	7.56
2/25/2016 8:15 PM	7.53	2/26/2016 8:15 PM	7.50	2/27/2016 8:15 PM	7.55
2/25/2016 8:30 PM	7.54	2/26/2016 8:30 PM	7.49	2/27/2016 8:30 PM	7.55
2/25/2016 8:45 PM	7.54	2/26/2016 8:45 PM	7.49	2/27/2016 8:45 PM	7.56
2/25/2016 9:00 PM	7.53	2/26/2016 9:00 PM	7.49	2/27/2016 9:00 PM	7.56
2/25/2016 9:15 PM	7.47	2/26/2016 9:15 PM	7.49	2/27/2016 9:15 PM	7.55
2/25/2016 9:30 PM	7.53	2/26/2016 9:30 PM	7.48	2/27/2016 9:30 PM	7.55
2/25/2016 9:45 PM	7.56	2/26/2016 9:45 PM	7.48	2/27/2016 9:45 PM	7.55
2/25/2016 10:00 PM	7.57	2/26/2016 10:00 PM	7.48	2/27/2016 10:00 PM	7.55
2/25/2016 10:15 PM	7.57	2/26/2016 10:15 PM	7.48	2/27/2016 10:15 PM	7.55
2/25/2016 10:30 PM	7.57	2/26/2016 10:30 PM	7.48	2/27/2016 10:30 PM	7.54
2/25/2016 10:45 PM	7.57	2/26/2016 10:45 PM	7.47	2/27/2016 10:45 PM	7.54
2/25/2016 11:00 PM	7.57	2/26/2016 11:00 PM	7.47	2/27/2016 11:00 PM	7.54
2/25/2016 11:15 PM	7.57	2/26/2016 11:15 PM	7.47	2/27/2016 11:15 PM	7.53
2/25/2016 11:30 PM	7.57	2/26/2016 11:30 PM	7.47	2/27/2016 11:30 PM	7.53
2/25/2016 11:45 PM	7.57	2/26/2016 11:45 PM	7.47	2/27/2016 11:45 PM	7.52

AVG

7.50

AVG

7.52

AVG

7.54

Date And Time	pH	Date And Time	pH
2/28/2016 12:00 AM	7.52	2/29/2016 12:00 AM	7.65
2/28/2016 12:15 AM	7.52	2/29/2016 12:15 AM	7.65
2/28/2016 12:30 AM	7.52	2/29/2016 12:30 AM	7.64
2/28/2016 12:45 AM	7.51	2/29/2016 12:45 AM	7.63
2/28/2016 1:00 AM	7.51	2/29/2016 1:00 AM	7.62
2/28/2016 1:15 AM	7.62	2/29/2016 1:15 AM	7.63
2/28/2016 1:30 AM	7.62	2/29/2016 1:30 AM	7.62
2/28/2016 1:45 AM	7.62	2/29/2016 1:45 AM	7.61
2/28/2016 2:00 AM	7.62	2/29/2016 2:00 AM	7.61
2/28/2016 2:15 AM	7.62	2/29/2016 2:15 AM	7.61
2/28/2016 2:30 AM	7.62	2/29/2016 2:30 AM	7.61
2/28/2016 2:45 AM	7.62	2/29/2016 2:45 AM	7.61
2/28/2016 3:00 AM	7.62	2/29/2016 3:00 AM	7.61
2/28/2016 3:15 AM	7.62	2/29/2016 3:15 AM	7.61
2/28/2016 3:30 AM	7.62	2/29/2016 3:30 AM	7.61
2/28/2016 3:45 AM	7.62	2/29/2016 3:45 AM	7.61
2/28/2016 4:00 AM	7.62	2/29/2016 4:00 AM	7.61
2/28/2016 4:15 AM	7.62	2/29/2016 4:15 AM	7.61
2/28/2016 4:30 AM	7.59	2/29/2016 4:30 AM	7.60
2/28/2016 4:45 AM	7.65	2/29/2016 4:45 AM	7.62
2/28/2016 5:00 AM	7.69	2/29/2016 5:00 AM	7.61
2/28/2016 5:15 AM	7.70	2/29/2016 5:15 AM	7.60
2/28/2016 5:30 AM	7.70	2/29/2016 5:30 AM	7.60
2/28/2016 5:45 AM	7.70	2/29/2016 5:45 AM	7.58
2/28/2016 6:00 AM	7.69	2/29/2016 6:00 AM	7.62
2/28/2016 6:15 AM	7.68	2/29/2016 6:15 AM	7.64
2/28/2016 6:30 AM	7.67	2/29/2016 6:30 AM	7.64
2/28/2016 6:45 AM	7.67	2/29/2016 6:45 AM	7.65
2/28/2016 7:00 AM	7.66	2/29/2016 7:00 AM	7.64
2/28/2016 7:15 AM	7.65	2/29/2016 7:15 AM	7.63
2/28/2016 7:30 AM	7.64	2/29/2016 7:30 AM	7.63
2/28/2016 7:45 AM	7.62	2/29/2016 7:45 AM	7.63
2/28/2016 8:00 AM	7.61	2/29/2016 8:00 AM	7.62
2/28/2016 8:15 AM	7.59	2/29/2016 8:15 AM	7.62
2/28/2016 8:30 AM	7.57	2/29/2016 8:30 AM	7.61
2/28/2016 8:45 AM	7.55	2/29/2016 8:45 AM	7.59
2/28/2016 9:00 AM	7.54	2/29/2016 9:00 AM	7.60
2/28/2016 9:15 AM	7.52	2/29/2016 9:15 AM	7.59
2/28/2016 9:30 AM	7.51	2/29/2016 9:30 AM	7.59
2/28/2016 9:45 AM	7.50	2/29/2016 9:45 AM	7.59
2/28/2016 10:00 AM	7.49	2/29/2016 10:00 AM	7.59
2/28/2016 10:15 AM	7.50	2/29/2016 10:15 AM	7.58
2/28/2016 10:30 AM	7.51	2/29/2016 10:30 AM	7.58
2/28/2016 10:45 AM	7.45	2/29/2016 10:45 AM	7.58
2/28/2016 11:00 AM	7.43	2/29/2016 11:00 AM	7.61
2/28/2016 11:15 AM	7.41	2/29/2016 11:15 AM	7.58
2/28/2016 11:30 AM	7.39	2/29/2016 11:30 AM	7.58
2/28/2016 11:45 AM	7.37	2/29/2016 11:45 AM	7.58
2/28/2016 12:00 PM	7.35	2/29/2016 12:00 PM	7.57
2/28/2016 12:15 PM	7.41	2/29/2016 12:15 PM	7.56
2/28/2016 12:30 PM	7.45	2/29/2016 12:30 PM	7.56
2/28/2016 12:45 PM	7.46	2/29/2016 12:45 PM	7.56
2/28/2016 1:00 PM	7.46	2/29/2016 1:00 PM	7.56
2/28/2016 1:15 PM	7.48	2/29/2016 1:15 PM	7.57
2/28/2016 1:30 PM	7.48	2/29/2016 1:30 PM	7.56

2/28/2016 1:45 PM	7.47	2/29/2016 1:45 PM	7.54
2/28/2016 2:00 PM	7.47	2/29/2016 2:00 PM	7.61
2/28/2016 2:15 PM	7.48	2/29/2016 2:15 PM	7.66
2/28/2016 2:30 PM	7.49	2/29/2016 2:30 PM	7.66
2/28/2016 2:45 PM	7.50	2/29/2016 2:45 PM	7.85
2/28/2016 3:00 PM	7.50	2/29/2016 3:00 PM	7.67
2/28/2016 3:15 PM	7.50	2/29/2016 3:15 PM	7.64
2/28/2016 3:30 PM	7.50	2/29/2016 3:30 PM	7.64
2/28/2016 3:45 PM	7.50	2/29/2016 3:45 PM	7.64
2/28/2016 4:00 PM	7.50	2/29/2016 4:00 PM	7.64
2/28/2016 4:15 PM	7.50	2/29/2016 4:15 PM	7.64
2/28/2016 4:30 PM	7.50	2/29/2016 4:30 PM	7.64
2/28/2016 4:45 PM	7.50	2/29/2016 4:45 PM	7.64
2/28/2016 5:00 PM	7.50	2/29/2016 5:00 PM	7.64
2/28/2016 5:15 PM	7.50	2/29/2016 5:15 PM	7.66
2/28/2016 5:30 PM	7.49	2/29/2016 5:30 PM	7.65
2/28/2016 5:45 PM	7.48	2/29/2016 5:45 PM	7.67
2/28/2016 6:00 PM	7.48	2/29/2016 6:00 PM	7.66
2/28/2016 6:15 PM	7.49	2/29/2016 6:15 PM	7.67
2/28/2016 6:30 PM	7.49	2/29/2016 6:30 PM	7.72
2/28/2016 6:45 PM	7.48	2/29/2016 6:45 PM	7.75
2/28/2016 7:00 PM	7.47	2/29/2016 7:00 PM	7.75
2/28/2016 7:15 PM	7.47	2/29/2016 7:15 PM	7.75
2/28/2016 7:30 PM	7.60	2/29/2016 7:30 PM	7.75
2/28/2016 7:45 PM	7.60	2/29/2016 7:45 PM	7.74
2/28/2016 8:00 PM	7.60	2/29/2016 8:00 PM	7.73
2/28/2016 8:15 PM	7.60	2/29/2016 8:15 PM	7.72
2/28/2016 8:30 PM	7.59	2/29/2016 8:30 PM	7.71
2/28/2016 8:45 PM	7.59	2/29/2016 8:45 PM	7.71
2/28/2016 9:00 PM	7.59	2/29/2016 9:00 PM	7.71
2/28/2016 9:15 PM	7.59	2/29/2016 9:15 PM	7.70
2/28/2016 9:30 PM	7.58	2/29/2016 9:30 PM	7.71
2/28/2016 9:45 PM	7.59	2/29/2016 9:45 PM	7.71
2/28/2016 10:00 PM	7.57	2/29/2016 10:00 PM	7.70
2/28/2016 10:15 PM	7.63	2/29/2016 10:15 PM	7.70
2/28/2016 10:30 PM	7.66	2/29/2016 10:30 PM	7.72
2/28/2016 10:45 PM	7.67	2/29/2016 10:45 PM	7.71
2/28/2016 11:00 PM	7.67	2/29/2016 11:00 PM	7.70
2/28/2016 11:15 PM	7.66	2/29/2016 11:15 PM	7.69
2/28/2016 11:30 PM	7.65	2/29/2016 11:30 PM	7.69
2/28/2016 11:45 PM	7.65	2/29/2016 11:45 PM	7.69

AVG

7.56

AVG

7.64

MIN	7.16
MAX	7.85

Avtex Fibers
Front Royal, VA
Outfall 004
February 2016 DMR

<u>Sample Date</u>	<u>Sample ID</u>	<u>BOD, mg/L</u>	<u>BOD, kg/d</u>	<u>TSS, mg/L</u>	<u>TSS, kg/d</u>
2/3/2016	AF2-3FE	5.0	0.74	11.1	1.65
2/10/2016	AF2-10FE	0.0	0.00	5.6	1.17
2/17/2016	AF2-17FE	3.0	0.62	9.6	1.98
2/24/2016	AF2-24FE	4.0	0.60	13.0	1.96
Daily Maximum:		5.0	0.74	13.0	1.98
Monthly Avg:		3.0	0.49	9.83	1.69

Monthly Average – Compliance with the monthly average limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as it is reported. An arithmetic average shall be calculated using all reported data for the month, including the defined zeros. This arithmetic average shall be reported on the Discharge Monitoring Report (DMR) as calculated. If all data are below the QL used for the analysis, then the average shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported monthly average concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported concentration data (including the defined zeros) and flow data for each sample day to determine the daily quantity and report the monthly average of the calculated daily quantities.

Daily Maximum – Compliance with the daily maximum limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as reported. An arithmetic average shall be calculated using all reported data, including the defined zeros, collected within each day during the reporting month. The maximum value of these daily averages thus determined shall be reported on the DMR as the Daily Maximum. If all data are below the QL used for the analysis, then the maximum value of the daily averages shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported daily maximum concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported daily average concentrations (including the defined zeros) and corresponding daily flows to determine daily average quantities and report the maximum of the daily average quantities during the reporting month.

Loading Derivation
If 1 ppm (= 1 mg/L) and 1 MGD (= 1 MG/day)
--> (1 mg/L)(1 MG/day)(3.785 L/Gal)(10^6 Gal/MG)(1 lb/453,600 mg) = 8.34 lbs/day
--> lbs/day = ppm * 8.34 * MGD
--> kg/d = ppm * 8.34 * MGD * 0.4536*lb/d
Concentration Derivation
If 1 lb/d and 1 MGD (= 1 MG/day)
[(1 lbs/day)(453,600 mg/lb)] / [(1 MG/d)(10^6 Gal/MG)(3.785 L/Gal)]
--> ppm = lb/d ^ (1/8.34) ^ (1/MGD)

BOD

2/3/2016	0.743171592
2/10/2016	0
2/17/2016	0.618467546
2/24/2016	0.60296928

AVG	0.491152104
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TSS

2/3/2016	1.649840934
2/10/2016	1.167214497
2/17/2016	1.981157705
2/24/2016	1.959650158

AVG	1.689465824
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CS2*

2/17/2016	<QL
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*Note: CS2 EPA Test Method: 8260 MSV Low Level Analytical Method (EPA 8260)

Report Limit 2 ug/L
MDL 1.2 ug/L



Transmitted via Email

FMC Corporation
1735 Market Street
Philadelphia, PA 19103
USA

215.299.6000
fmc.com

April 12, 2016

Department of Environmental Quality - CO
Office of Remediation Program
P.O. Box 1105
Richmond, VA 23218

Re: Submission of Discharge Monitoring Report – March 2016
Avtex Fibers Superfund Site
Front Royal, Virginia

Dear Ms Payne:

In accordance with the Applicable or Relevant and Appropriate Requirements (ARARs) and Fact Sheet provided July 22, 2014, FMC Corporation (FMC) is submitting the Discharge Monitoring Report (DMR) for the month of March 2016. The permit is for the discharge from the Groundwater and Leachate Treatment Plant (GLTP) located at 404 Kendrick Lane, Front Royal, VA. Analysis of effluent concentrations yielded results within the allowable limits for all parameters.

Please do not hesitate to call if there are any questions.

Sincerely,

FMC Corporation

Brian M. McGinnis, P.E.
Manager, Environmental Remediation

cc: via Email
Brandon Kiracofe, DEQ
Charlie Root, USEPA
Heather Philip, Parsons

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)											
DISCHARGE MONITORING REPORT (DMRs)											
PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)											
NAME:	Avtex Fibers			404 Kendrik Lane			Front Royal, VA 22630			FACILITY: AVTEX FIBERS	
ADDRESS:											
ATTN:											
LOCATION:	FRONT ROYAL, VA			YEAR MO DAY			FROM 16 03 01 TO 16 03 31			MONITORING PERIOD	
										GLTP EFFLUENT (OUTFALL 04)	
										EXTREMAL OUTFALL	
										No Discharge	
										SAMPLE FREQUENCY	
										EX OF ANALYSIS	
										TYPE	
										FLOW	
										0.050 0.075	
										SAMPLE MEASUREMENT	
										0.0056 10	
										0.0056 10	
										PH	
										BOD, 5-DAY	
										00400 10	
										EFFLUENT GROSS	
										00318 10	
										SOLIDS, TOTAL SUSPENDED	
										03603 10	
										CARBON DISULFIDE	
										77041 10	
										EFFLUENT GROSS	
										03603 10	
										CARBON DISULFIDE	
										77041 10	
										EFFLUENT GROSS	
										03603 10	
										SOLIDS, TOTAL SUSPENDED	
										03603 10	
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Avtex Fibers
Front Royal, VA
Outfall 004
March 2016 DMR

pH Calculations:

Date And Time	pH	Date And Time	pH	Date And Time	pH
3/1/2016 12:00 AM	7.69	3/2/2016 12:00 AM	7.68	3/3/2016 12:00 AM	7.75
3/1/2016 12:15 AM	7.67	3/2/2016 12:15 AM	7.67	3/3/2016 12:15 AM	7.74
3/1/2016 12:30 AM	7.72	3/2/2016 12:30 AM	7.67	3/3/2016 12:30 AM	7.74
3/1/2016 12:45 AM	7.75	3/2/2016 12:45 AM	7.67	3/3/2016 12:45 AM	7.74
3/1/2016 1:00 AM	7.77	3/2/2016 1:00 AM	7.70	3/3/2016 1:00 AM	7.73
3/1/2016 1:15 AM	7.77	3/2/2016 1:15 AM	7.69	3/3/2016 1:15 AM	7.73
3/1/2016 1:30 AM	7.77	3/2/2016 1:30 AM	7.70	3/3/2016 1:30 AM	7.72
3/1/2016 1:45 AM	7.77	3/2/2016 1:45 AM	7.69	3/3/2016 1:45 AM	7.72
3/1/2016 2:00 AM	7.77	3/2/2016 2:00 AM	7.68	3/3/2016 2:00 AM	7.72
3/1/2016 2:15 AM	7.76	3/2/2016 2:15 AM	7.64	3/3/2016 2:15 AM	7.71
3/1/2016 2:30 AM	7.76	3/2/2016 2:30 AM	7.69	3/3/2016 2:30 AM	7.71
3/1/2016 2:45 AM	7.76	3/2/2016 2:45 AM	7.72	3/3/2016 2:45 AM	7.71
3/1/2016 3:00 AM	7.75	3/2/2016 3:00 AM	7.74	3/3/2016 3:00 AM	7.70
3/1/2016 3:15 AM	7.75	3/2/2016 3:15 AM	7.75	3/3/2016 3:15 AM	7.70
3/1/2016 3:30 AM	7.75	3/2/2016 3:30 AM	7.75	3/3/2016 3:30 AM	7.70
3/1/2016 3:45 AM	7.74	3/2/2016 3:45 AM	7.75	3/3/2016 3:45 AM	7.70
3/1/2016 4:00 AM	7.73	3/2/2016 4:00 AM	7.75	3/3/2016 4:00 AM	7.69
3/1/2016 4:15 AM	7.73	3/2/2016 4:15 AM	7.75	3/3/2016 4:15 AM	7.69
3/1/2016 4:30 AM	7.73	3/2/2016 4:30 AM	7.75	3/3/2016 4:30 AM	7.71
3/1/2016 4:45 AM	7.72	3/2/2016 4:45 AM	7.75	3/3/2016 4:45 AM	7.70
3/1/2016 5:00 AM	7.72	3/2/2016 5:00 AM	7.74	3/3/2016 5:00 AM	7.70
3/1/2016 5:15 AM	7.72	3/2/2016 5:15 AM	7.74	3/3/2016 5:15 AM	7.69
3/1/2016 5:30 AM	7.71	3/2/2016 5:30 AM	7.74	3/3/2016 5:30 AM	7.69
3/1/2016 5:45 AM	7.71	3/2/2016 5:45 AM	7.74	3/3/2016 5:45 AM	7.66
3/1/2016 6:00 AM	7.70	3/2/2016 6:00 AM	7.74	3/3/2016 6:00 AM	7.70
3/1/2016 6:15 AM	7.70	3/2/2016 6:15 AM	7.74	3/3/2016 6:15 AM	7.73
3/1/2016 6:30 AM	7.69	3/2/2016 6:30 AM	7.74	3/3/2016 6:30 AM	7.75
3/1/2016 6:45 AM	7.69	3/2/2016 6:45 AM	7.74	3/3/2016 6:45 AM	7.75
3/1/2016 7:00 AM	7.69	3/2/2016 7:00 AM	7.74	3/3/2016 7:00 AM	7.75
3/1/2016 7:15 AM	7.68	3/2/2016 7:15 AM	7.73	3/3/2016 7:15 AM	7.74
3/1/2016 7:30 AM	7.68	3/2/2016 7:30 AM	7.73	3/3/2016 7:30 AM	7.73
3/1/2016 7:45 AM	7.72	3/2/2016 7:45 AM	7.73	3/3/2016 7:45 AM	7.72
3/1/2016 8:00 AM	7.71	3/2/2016 8:00 AM	7.72	3/3/2016 8:00 AM	7.72
3/1/2016 8:15 AM	7.70	3/2/2016 8:15 AM	7.72	3/3/2016 8:15 AM	7.71
3/1/2016 8:30 AM	7.68	3/2/2016 8:30 AM	7.72	3/3/2016 8:30 AM	7.71
3/1/2016 8:45 AM	7.67	3/2/2016 8:45 AM	7.72	3/3/2016 8:45 AM	7.70
3/1/2016 9:00 AM	7.66	3/2/2016 9:00 AM	7.71	3/3/2016 9:00 AM	7.70
3/1/2016 9:15 AM	7.65	3/2/2016 9:15 AM	7.71	3/3/2016 9:15 AM	7.68
3/1/2016 9:30 AM	7.62	3/2/2016 9:30 AM	7.70	3/3/2016 9:30 AM	7.67
3/1/2016 9:45 AM	7.62	3/2/2016 9:45 AM	7.70	3/3/2016 9:45 AM	7.66
3/1/2016 10:00 AM	7.59	3/2/2016 10:00 AM	7.70	3/3/2016 10:00 AM	7.66
3/1/2016 10:15 AM	7.58	3/2/2016 10:15 AM	7.69	3/3/2016 10:15 AM	7.66
3/1/2016 10:30 AM	7.60	3/2/2016 10:30 AM	7.69	3/3/2016 10:30 AM	7.65
3/1/2016 10:45 AM	7.62	3/2/2016 10:45 AM	7.69	3/3/2016 10:45 AM	7.65
3/1/2016 11:00 AM	7.64	3/2/2016 11:00 AM	7.69	3/3/2016 11:00 AM	7.64

3/1/2016 11:15 AM	7.66	3/2/2016 11:15 AM	7.69	3/3/2016 11:15 AM	7.63
3/1/2016 11:30 AM	7.66	3/2/2016 11:30 AM	7.69	3/3/2016 11:30 AM	7.60
3/1/2016 11:45 AM	7.69	3/2/2016 11:45 AM	7.68	3/3/2016 11:45 AM	7.66
3/1/2016 12:00 PM	7.69	3/2/2016 12:00 PM	7.68	3/3/2016 12:00 PM	7.69
3/1/2016 12:15 PM	7.65	3/2/2016 12:15 PM	7.68	3/3/2016 12:15 PM	7.71
3/1/2016 12:30 PM	7.61	3/2/2016 12:30 PM	7.68	3/3/2016 12:30 PM	7.72
3/1/2016 12:45 PM	7.61	3/2/2016 12:45 PM	7.67	3/3/2016 12:45 PM	7.72
3/1/2016 1:00 PM	7.59	3/2/2016 1:00 PM	7.67	3/3/2016 1:00 PM	7.71
3/1/2016 1:15 PM	7.58	3/2/2016 1:15 PM	7.67	3/3/2016 1:15 PM	7.71
3/1/2016 1:30 PM	7.58	3/2/2016 1:30 PM	7.67	3/3/2016 1:30 PM	7.71
3/1/2016 1:45 PM	7.59	3/2/2016 1:45 PM	7.66	3/3/2016 1:45 PM	7.70
3/1/2016 2:00 PM	7.60	3/2/2016 2:00 PM	7.66	3/3/2016 2:00 PM	7.70
3/1/2016 2:15 PM	7.62	3/2/2016 2:15 PM	7.66	3/3/2016 2:15 PM	7.70
3/1/2016 2:30 PM	7.62	3/2/2016 2:30 PM	7.66	3/3/2016 2:30 PM	7.69
3/1/2016 2:45 PM	7.62	3/2/2016 2:45 PM	7.66	3/3/2016 2:45 PM	7.69
3/1/2016 3:00 PM	7.62	3/2/2016 3:00 PM	7.65	3/3/2016 3:00 PM	7.69
3/1/2016 3:15 PM	7.63	3/2/2016 3:15 PM	7.65	3/3/2016 3:15 PM	7.69
3/1/2016 3:30 PM	7.69	3/2/2016 3:30 PM	7.65	3/3/2016 3:30 PM	7.69
3/1/2016 3:45 PM	7.72	3/2/2016 3:45 PM	7.65	3/3/2016 3:45 PM	7.69
3/1/2016 4:00 PM	7.73	3/2/2016 4:00 PM	7.65	3/3/2016 4:00 PM	7.69
3/1/2016 4:15 PM	7.68	3/2/2016 4:15 PM	7.65	3/3/2016 4:15 PM	7.70
3/1/2016 4:30 PM	7.66	3/2/2016 4:30 PM	7.65	3/3/2016 4:30 PM	7.68
3/1/2016 4:45 PM	7.66	3/2/2016 4:45 PM	7.65	3/3/2016 4:45 PM	7.67
3/1/2016 5:00 PM	7.66	3/2/2016 5:00 PM	7.65	3/3/2016 5:00 PM	7.63
3/1/2016 5:15 PM	7.66	3/2/2016 5:15 PM	7.64	3/3/2016 5:15 PM	7.68
3/1/2016 5:30 PM	7.66	3/2/2016 5:30 PM	7.64	3/3/2016 5:30 PM	7.71
3/1/2016 5:45 PM	7.66	3/2/2016 5:45 PM	7.64	3/3/2016 5:45 PM	7.73
3/1/2016 6:00 PM	7.66	3/2/2016 6:00 PM	7.71	3/3/2016 6:00 PM	7.73
3/1/2016 6:15 PM	7.67	3/2/2016 6:15 PM	7.71	3/3/2016 6:15 PM	7.73
3/1/2016 6:30 PM	7.68	3/2/2016 6:30 PM	7.70	3/3/2016 6:30 PM	7.73
3/1/2016 6:45 PM	7.68	3/2/2016 6:45 PM	7.70	3/3/2016 6:45 PM	7.72
3/1/2016 7:00 PM	7.68	3/2/2016 7:00 PM	7.70	3/3/2016 7:00 PM	7.72
3/1/2016 7:15 PM	7.70	3/2/2016 7:15 PM	7.69	3/3/2016 7:15 PM	7.72
3/1/2016 7:30 PM	7.75	3/2/2016 7:30 PM	7.69	3/3/2016 7:30 PM	7.71
3/1/2016 7:45 PM	7.76	3/2/2016 7:45 PM	7.69	3/3/2016 7:45 PM	7.71
3/1/2016 8:00 PM	7.77	3/2/2016 8:00 PM	7.64	3/3/2016 8:00 PM	7.70
3/1/2016 8:15 PM	7.76	3/2/2016 8:15 PM	7.70	3/3/2016 8:15 PM	7.70
3/1/2016 8:30 PM	7.76	3/2/2016 8:30 PM	7.74	3/3/2016 8:30 PM	7.69
3/1/2016 8:45 PM	7.75	3/2/2016 8:45 PM	7.78	3/3/2016 8:45 PM	7.69
3/1/2016 9:00 PM	7.75	3/2/2016 9:00 PM	7.71	3/3/2016 9:00 PM	7.69
3/1/2016 9:15 PM	7.74	3/2/2016 9:15 PM	7.71	3/3/2016 9:15 PM	7.68
3/1/2016 9:30 PM	7.73	3/2/2016 9:30 PM	7.71	3/3/2016 9:30 PM	7.68
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3/1/2016 10:45 PM	7.70	3/2/2016 10:45 PM	7.76	3/3/2016 10:45 PM	7.68
3/1/2016 11:00 PM	7.69	3/2/2016 11:00 PM	7.76	3/3/2016 11:00 PM	7.68
3/1/2016 11:15 PM	7.69	3/2/2016 11:15 PM	7.76	3/3/2016 11:15 PM	7.67
3/1/2016 11:30 PM	7.69	3/2/2016 11:30 PM	7.76	3/3/2016 11:30 PM	7.67
3/1/2016 11:45 PM	7.69	3/2/2016 11:45 PM	7.76	3/3/2016 11:45 PM	7.67

AVG

7.69

AVG

7.70

AVG

7.70

Date And Time	pH	Date And Time	pH	Date And Time	pH
3/4/2016 12:00 AM	7.67	3/5/2016 12:00 AM	7.57	3/6/2016 12:00 AM	7.73
3/4/2016 12:15 AM	7.67	3/5/2016 12:15 AM	7.57	3/6/2016 12:15 AM	7.74
3/4/2016 12:30 AM	7.71	3/5/2016 12:30 AM	7.56	3/6/2016 12:30 AM	7.73
3/4/2016 12:45 AM	7.73	3/5/2016 12:45 AM	7.56	3/6/2016 12:45 AM	7.72
3/4/2016 1:00 AM	7.73	3/5/2016 1:00 AM	7.66	3/6/2016 1:00 AM	7.72
3/4/2016 1:15 AM	7.73	3/5/2016 1:15 AM	7.66	3/6/2016 1:15 AM	7.71
3/4/2016 1:30 AM	7.73	3/5/2016 1:30 AM	7.66	3/6/2016 1:30 AM	7.70
3/4/2016 1:45 AM	7.72	3/5/2016 1:45 AM	7.66	3/6/2016 1:45 AM	7.70
3/4/2016 2:00 AM	7.72	3/5/2016 2:00 AM	7.66	3/6/2016 2:00 AM	7.69
3/4/2016 2:15 AM	7.71	3/5/2016 2:15 AM	7.65	3/6/2016 2:15 AM	7.69
3/4/2016 2:30 AM	7.70	3/5/2016 2:30 AM	7.65	3/6/2016 2:30 AM	7.68
3/4/2016 2:45 AM	7.70	3/5/2016 2:45 AM	7.65	3/6/2016 2:45 AM	7.68
3/4/2016 3:00 AM	7.69	3/5/2016 3:00 AM	7.65	3/6/2016 3:00 AM	7.67
3/4/2016 3:15 AM	7.69	3/5/2016 3:15 AM	7.64	3/6/2016 3:15 AM	7.67
3/4/2016 3:30 AM	7.69	3/5/2016 3:30 AM	7.68	3/6/2016 3:30 AM	7.66
3/4/2016 3:45 AM	7.68	3/5/2016 3:45 AM	7.71	3/6/2016 3:45 AM	7.66
3/4/2016 4:00 AM	7.68	3/5/2016 4:00 AM	7.72	3/6/2016 4:00 AM	7.65
3/4/2016 4:15 AM	7.67	3/5/2016 4:15 AM	7.72	3/6/2016 4:15 AM	7.65
3/4/2016 4:30 AM	7.67	3/5/2016 4:30 AM	7.72	3/6/2016 4:30 AM	7.68
3/4/2016 4:45 AM	7.67	3/5/2016 4:45 AM	7.71	3/6/2016 4:45 AM	7.67
3/4/2016 5:00 AM	7.66	3/5/2016 5:00 AM	7.71	3/6/2016 5:00 AM	7.67
3/4/2016 5:15 AM	7.66	3/5/2016 5:15 AM	7.70	3/6/2016 5:15 AM	7.66
3/4/2016 5:30 AM	7.65	3/5/2016 5:30 AM	7.69	3/6/2016 5:30 AM	7.66
3/4/2016 5:45 AM	7.65	3/5/2016 5:45 AM	7.69	3/6/2016 5:45 AM	7.66
3/4/2016 6:00 AM	7.65	3/5/2016 6:00 AM	7.68	3/6/2016 6:00 AM	7.62
3/4/2016 6:15 AM	7.64	3/5/2016 6:15 AM	7.68	3/6/2016 6:15 AM	7.67
3/4/2016 6:30 AM	7.64	3/5/2016 6:30 AM	7.67	3/6/2016 6:30 AM	7.70
3/4/2016 6:45 AM	7.64	3/5/2016 6:45 AM	7.67	3/6/2016 6:45 AM	7.71
3/4/2016 7:00 AM	7.64	3/5/2016 7:00 AM	7.66	3/6/2016 7:00 AM	7.71
3/4/2016 7:15 AM	7.63	3/5/2016 7:15 AM	7.66	3/6/2016 7:15 AM	7.71
3/4/2016 7:30 AM	7.68	3/5/2016 7:30 AM	7.65	3/6/2016 7:30 AM	7.71
3/4/2016 7:45 AM	7.67	3/5/2016 7:45 AM	7.65	3/6/2016 7:45 AM	7.70
3/4/2016 8:00 AM	7.66	3/5/2016 8:00 AM	7.64	3/6/2016 8:00 AM	7.70
3/4/2016 8:15 AM	7.66	3/5/2016 8:15 AM	7.63	3/6/2016 8:15 AM	7.69
3/4/2016 8:30 AM	7.66	3/5/2016 8:30 AM	7.63	3/6/2016 8:30 AM	7.69
3/4/2016 8:45 AM	7.66	3/5/2016 8:45 AM	7.62	3/6/2016 8:45 AM	7.68
3/4/2016 9:00 AM	7.65	3/5/2016 9:00 AM	7.62	3/6/2016 9:00 AM	7.67
3/4/2016 9:15 AM	7.68	3/5/2016 9:15 AM	7.62	3/6/2016 9:15 AM	7.66
3/4/2016 9:30 AM	7.70	3/5/2016 9:30 AM	7.61	3/6/2016 9:30 AM	7.66
3/4/2016 9:45 AM	7.71	3/5/2016 9:45 AM	7.61	3/6/2016 9:45 AM	7.65
3/4/2016 10:00 AM	7.71	3/5/2016 10:00 AM	7.60	3/6/2016 10:00 AM	7.65
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3/4/2016 10:45 AM	7.70	3/5/2016 10:45 AM	7.62	3/6/2016 10:45 AM	7.63
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3/4/2016 11:30 AM	7.68	3/5/2016 11:30 AM	7.62	3/6/2016 11:30 AM	7.61
3/4/2016 11:45 AM	7.67	3/5/2016 11:45 AM	7.59	3/6/2016 11:45 AM	7.61
3/4/2016 12:00 PM	7.67	3/5/2016 12:00 PM	7.62	3/6/2016 12:00 PM	7.60
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3/4/2016 1:00 PM	7.64	3/5/2016 1:00 PM	7.66	3/6/2016 1:00 PM	7.59
3/4/2016 1:15 PM	7.64	3/5/2016 1:15 PM	7.66	3/6/2016 1:15 PM	7.59
3/4/2016 1:30 PM	7.63	3/5/2016 1:30 PM	7.66	3/6/2016 1:30 PM	7.59
3/4/2016 1:45 PM	7.63	3/5/2016 1:45 PM	7.66	3/6/2016 1:45 PM	7.62
3/4/2016 2:00 PM	7.63	3/5/2016 2:00 PM	7.66	3/6/2016 2:00 PM	7.62

3/4/2016 2:15 PM	7.64	3/5/2016 2:15 PM	7.65	3/6/2016 2:15 PM	7.61
3/4/2016 2:30 PM	7.64	3/5/2016 2:30 PM	7.66	3/6/2016 2:30 PM	7.61
3/4/2016 2:45 PM	7.64	3/5/2016 2:45 PM	7.65	3/6/2016 2:45 PM	7.61
3/4/2016 3:00 PM	7.64	3/5/2016 3:00 PM	7.65	3/6/2016 3:00 PM	7.57
3/4/2016 3:15 PM	7.69	3/5/2016 3:15 PM	7.65	3/6/2016 3:15 PM	7.62
3/4/2016 3:30 PM	7.71	3/5/2016 3:30 PM	7.65	3/6/2016 3:30 PM	7.65
3/4/2016 3:45 PM	7.72	3/5/2016 3:45 PM	7.65	3/6/2016 3:45 PM	7.67
3/4/2016 4:00 PM	7.71	3/5/2016 4:00 PM	7.65	3/6/2016 4:00 PM	7.68
3/4/2016 4:15 PM	7.71	3/5/2016 4:15 PM	7.65	3/6/2016 4:15 PM	7.68
3/4/2016 4:30 PM	7.70	3/5/2016 4:30 PM	7.65	3/6/2016 4:30 PM	7.67
3/4/2016 4:45 PM	7.70	3/5/2016 4:45 PM	7.65	3/6/2016 4:45 PM	7.67
3/4/2016 5:00 PM	7.69	3/5/2016 5:00 PM	7.65	3/6/2016 5:00 PM	7.67
3/4/2016 5:15 PM	7.68	3/5/2016 5:15 PM	7.65	3/6/2016 5:15 PM	7.67
3/4/2016 5:30 PM	7.68	3/5/2016 5:30 PM	7.64	3/6/2016 5:30 PM	7.66
3/4/2016 5:45 PM	7.67	3/5/2016 5:45 PM	7.70	3/6/2016 5:45 PM	7.66
3/4/2016 6:00 PM	7.66	3/5/2016 6:00 PM	7.66	3/6/2016 6:00 PM	7.66
3/4/2016 6:15 PM	7.66	3/5/2016 6:15 PM	7.65	3/6/2016 6:15 PM	7.66
3/4/2016 6:30 PM	7.66	3/5/2016 6:30 PM	7.65	3/6/2016 6:30 PM	7.66
3/4/2016 6:45 PM	7.65	3/5/2016 6:45 PM	7.64	3/6/2016 6:45 PM	7.65
3/4/2016 7:00 PM	7.64	3/5/2016 7:00 PM	7.64	3/6/2016 7:00 PM	7.66
3/4/2016 7:15 PM	7.64	3/5/2016 7:15 PM	7.64	3/6/2016 7:15 PM	7.66
3/4/2016 7:30 PM	7.63	3/5/2016 7:30 PM	7.65	3/6/2016 7:30 PM	7.66
3/4/2016 7:45 PM	7.63	3/5/2016 7:45 PM	7.64	3/6/2016 7:45 PM	7.66
3/4/2016 8:00 PM	7.62	3/5/2016 8:00 PM	7.64	3/6/2016 8:00 PM	7.65
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3/4/2016 8:45 PM	7.61	3/5/2016 8:45 PM	7.65	3/6/2016 8:45 PM	7.65
3/4/2016 9:00 PM	7.61	3/5/2016 9:00 PM	7.62	3/6/2016 9:00 PM	7.64
3/4/2016 9:15 PM	7.60	3/5/2016 9:15 PM	7.67	3/6/2016 9:15 PM	7.64
3/4/2016 9:30 PM	7.60	3/5/2016 9:30 PM	7.71	3/6/2016 9:30 PM	7.64
3/4/2016 9:45 PM	7.59	3/5/2016 9:45 PM	7.72	3/6/2016 9:45 PM	7.63
3/4/2016 10:00 PM	7.59	3/5/2016 10:00 PM	7.69	3/6/2016 10:00 PM	7.63
3/4/2016 10:15 PM	7.59	3/5/2016 10:15 PM	7.68	3/6/2016 10:15 PM	7.63
3/4/2016 10:30 PM	7.58	3/5/2016 10:30 PM	7.67	3/6/2016 10:30 PM	7.65
3/4/2016 10:45 PM	7.58	3/5/2016 10:45 PM	7.67	3/6/2016 10:45 PM	7.64
3/4/2016 11:00 PM	7.58	3/5/2016 11:00 PM	7.67	3/6/2016 11:00 PM	7.63
3/4/2016 11:15 PM	7.57	3/5/2016 11:15 PM	7.66	3/6/2016 11:15 PM	7.63
3/4/2016 11:30 PM	7.57	3/5/2016 11:30 PM	7.71	3/6/2016 11:30 PM	7.63
3/4/2016 11:45 PM	7.57	3/5/2016 11:45 PM	7.73	3/6/2016 11:45 PM	7.62

AVG

7.66

AVG

7.65

AVG

7.66

Date And Time	pH	Date And Time	pH	Date And Time	pH
3/7/2016 12:00 AM	7.63	3/8/2016 12:00 AM	7.70	3/9/2016 12:00 AM	7.71
3/7/2016 12:15 AM	7.62	3/8/2016 12:15 AM	7.70	3/9/2016 12:15 AM	7.71
3/7/2016 12:30 AM	7.62	3/8/2016 12:30 AM	7.69	3/9/2016 12:30 AM	7.71
3/7/2016 12:45 AM	7.66	3/8/2016 12:45 AM	7.69	3/9/2016 12:45 AM	7.71
3/7/2016 1:00 AM	7.69	3/8/2016 1:00 AM	7.69	3/9/2016 1:00 AM	7.70
3/7/2016 1:15 AM	7.70	3/8/2016 1:15 AM	7.69	3/9/2016 1:15 AM	7.70
3/7/2016 1:30 AM	7.70	3/8/2016 1:30 AM	7.68	3/9/2016 1:30 AM	7.70
3/7/2016 1:45 AM	7.69	3/8/2016 1:45 AM	7.68	3/9/2016 1:45 AM	7.70
3/7/2016 2:00 AM	7.69	3/8/2016 2:00 AM	7.68	3/9/2016 2:00 AM	7.70
3/7/2016 2:15 AM	7.68	3/8/2016 2:15 AM	7.68	3/9/2016 2:15 AM	7.70
3/7/2016 2:30 AM	7.68	3/8/2016 2:30 AM	7.68	3/9/2016 2:30 AM	7.70
3/7/2016 2:45 AM	7.67	3/8/2016 2:45 AM	7.68	3/9/2016 2:45 AM	7.70
3/7/2016 3:00 AM	7.67	3/8/2016 3:00 AM	7.67	3/9/2016 3:00 AM	7.69
3/7/2016 3:15 AM	7.66	3/8/2016 3:15 AM	7.67	3/9/2016 3:15 AM	7.69
3/7/2016 3:30 AM	7.65	3/8/2016 3:30 AM	7.67	3/9/2016 3:30 AM	7.69
3/7/2016 3:45 AM	7.65	3/8/2016 3:45 AM	7.67	3/9/2016 3:45 AM	7.69
3/7/2016 4:00 AM	7.64	3/8/2016 4:00 AM	7.67	3/9/2016 4:00 AM	7.69
3/7/2016 4:15 AM	7.64	3/8/2016 4:15 AM	7.67	3/9/2016 4:15 AM	7.69
3/7/2016 4:30 AM	7.64	3/8/2016 4:30 AM	7.67	3/9/2016 4:30 AM	7.69
3/7/2016 4:45 AM	7.63	3/8/2016 4:45 AM	7.67	3/9/2016 4:45 AM	7.69
3/7/2016 5:00 AM	7.63	3/8/2016 5:00 AM	7.66	3/9/2016 5:00 AM	7.69
3/7/2016 5:15 AM	7.62	3/8/2016 5:15 AM	7.67	3/9/2016 5:15 AM	7.69
3/7/2016 5:30 AM	7.62	3/8/2016 5:30 AM	7.67	3/9/2016 5:30 AM	7.69
3/7/2016 5:45 AM	7.62	3/8/2016 5:45 AM	7.67	3/9/2016 5:45 AM	7.69
3/7/2016 6:00 AM	7.61	3/8/2016 6:00 AM	7.67	3/9/2016 6:00 AM	7.68
3/7/2016 6:15 AM	7.61	3/8/2016 6:15 AM	7.67	3/9/2016 6:15 AM	7.68
3/7/2016 6:30 AM	7.61	3/8/2016 6:30 AM	7.67	3/9/2016 6:30 AM	7.68
3/7/2016 6:45 AM	7.60	3/8/2016 6:45 AM	7.67	3/9/2016 6:45 AM	7.67
3/7/2016 7:00 AM	7.60	3/8/2016 7:00 AM	7.66	3/9/2016 7:00 AM	7.67
3/7/2016 7:15 AM	7.59	3/8/2016 7:15 AM	7.66	3/9/2016 7:15 AM	7.69
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3/7/2016 7:45 AM	7.58	3/8/2016 7:45 AM	7.64	3/9/2016 7:45 AM	7.65
3/7/2016 8:00 AM	7.57	3/8/2016 8:00 AM	7.65	3/9/2016 8:00 AM	7.63
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3/7/2016 8:30 AM	7.56	3/8/2016 8:30 AM	7.63	3/9/2016 8:30 AM	7.60
3/7/2016 8:45 AM	7.55	3/8/2016 8:45 AM	7.60	3/9/2016 8:45 AM	7.57
3/7/2016 9:00 AM	7.54	3/8/2016 9:00 AM	7.64	3/9/2016 9:00 AM	7.55
3/7/2016 9:15 AM	7.52	3/8/2016 9:15 AM	7.67	3/9/2016 9:15 AM	7.52
3/7/2016 9:30 AM	7.51	3/8/2016 9:30 AM	7.68	3/9/2016 9:30 AM	7.47
3/7/2016 9:45 AM	7.50	3/8/2016 9:45 AM	7.68	3/9/2016 9:45 AM	7.51
3/7/2016 10:00 AM	7.49	3/8/2016 10:00 AM	7.67	3/9/2016 10:00 AM	7.55
3/7/2016 10:15 AM	7.50	3/8/2016 10:15 AM	7.64	3/9/2016 10:15 AM	7.55
3/7/2016 10:30 AM	7.50	3/8/2016 10:30 AM	7.59	3/9/2016 10:30 AM	7.52
3/7/2016 10:45 AM	7.51	3/8/2016 10:45 AM	7.53	3/9/2016 10:45 AM	7.50
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3/7/2016 11:30 AM	7.57	3/8/2016 11:30 AM	7.46	3/9/2016 11:30 AM	7.43
3/7/2016 11:45 AM	7.57	3/8/2016 11:45 AM	7.45	3/9/2016 11:45 AM	7.42
3/7/2016 12:00 PM	7.57	3/8/2016 12:00 PM	7.47	3/9/2016 12:00 PM	7.43
3/7/2016 12:15 PM	7.56	3/8/2016 12:15 PM	7.52	3/9/2016 12:15 PM	7.42
3/7/2016 12:30 PM	7.56	3/8/2016 12:30 PM	7.53	3/9/2016 12:30 PM	7.40
3/7/2016 12:45 PM	7.55	3/8/2016 12:45 PM	7.53	3/9/2016 12:45 PM	7.38
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3/7/2016 1:15 PM	7.53	3/8/2016 1:15 PM	7.48	3/9/2016 1:15 PM	7.41
3/7/2016 1:30 PM	7.54	3/8/2016 1:30 PM	7.46	3/9/2016 1:30 PM	7.41
3/7/2016 1:45 PM	7.54	3/8/2016 1:45 PM	7.42	3/9/2016 1:45 PM	7.41
3/7/2016 2:00 PM	7.55	3/8/2016 2:00 PM	7.43	3/9/2016 2:00 PM	7.42

3/7/2016 2:15 PM	7.56	3/8/2016 2:15 PM	7.46	3/9/2016 2:15 PM	7.44
3/7/2016 2:30 PM	7.55	3/8/2016 2:30 PM	7.49	3/9/2016 2:30 PM	7.42
3/7/2016 2:45 PM	7.61	3/8/2016 2:45 PM	7.50	3/9/2016 2:45 PM	7.51
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3/7/2016 3:15 PM	7.62	3/8/2016 3:15 PM	7.51	3/9/2016 3:15 PM	7.55
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3/7/2016 4:30 PM	7.60	3/8/2016 4:30 PM	7.54	3/9/2016 4:30 PM	7.64
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3/7/2016 5:15 PM	7.60	3/8/2016 5:15 PM	7.53	3/9/2016 5:15 PM	7.64
3/7/2016 5:30 PM	7.61	3/8/2016 5:30 PM	7.55	3/9/2016 5:30 PM	7.64
3/7/2016 5:45 PM	7.61	3/8/2016 5:45 PM	7.57	3/9/2016 5:45 PM	7.64
3/7/2016 6:00 PM	7.61	3/8/2016 6:00 PM	7.58	3/9/2016 6:00 PM	7.63
3/7/2016 6:15 PM	7.62	3/8/2016 6:15 PM	7.59	3/9/2016 6:15 PM	7.63
3/7/2016 6:30 PM	7.63	3/8/2016 6:30 PM	7.60	3/9/2016 6:30 PM	7.62
3/7/2016 6:45 PM	7.68	3/8/2016 6:45 PM	7.61	3/9/2016 6:45 PM	7.61
3/7/2016 7:00 PM	7.70	3/8/2016 7:00 PM	7.62	3/9/2016 7:00 PM	7.61
3/7/2016 7:15 PM	7.68	3/8/2016 7:15 PM	7.62	3/9/2016 7:15 PM	7.60
3/7/2016 7:30 PM	7.66	3/8/2016 7:30 PM	7.64	3/9/2016 7:30 PM	7.60
3/7/2016 7:45 PM	7.65	3/8/2016 7:45 PM	7.68	3/9/2016 7:45 PM	7.61
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3/7/2016 8:30 PM	7.63	3/8/2016 8:30 PM	7.67	3/9/2016 8:30 PM	7.60
3/7/2016 8:45 PM	7.69	3/8/2016 8:45 PM	7.66	3/9/2016 8:45 PM	7.59
3/7/2016 9:00 PM	7.71	3/8/2016 9:00 PM	7.66	3/9/2016 9:00 PM	7.59
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3/7/2016 9:30 PM	7.73	3/8/2016 9:30 PM	7.64	3/9/2016 9:30 PM	7.61
3/7/2016 9:45 PM	7.73	3/8/2016 9:45 PM	7.69	3/9/2016 9:45 PM	7.59
3/7/2016 10:00 PM	7.72	3/8/2016 10:00 PM	7.72	3/9/2016 10:00 PM	7.58
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3/7/2016 10:30 PM	7.72	3/8/2016 10:30 PM	7.73	3/9/2016 10:30 PM	7.66
3/7/2016 10:45 PM	7.71	3/8/2016 10:45 PM	7.73	3/9/2016 10:45 PM	7.66
3/7/2016 11:00 PM	7.71	3/8/2016 11:00 PM	7.73	3/9/2016 11:00 PM	7.65
3/7/2016 11:15 PM	7.70	3/8/2016 11:15 PM	7.72	3/9/2016 11:15 PM	7.64
3/7/2016 11:30 PM	7.70	3/8/2016 11:30 PM	7.72	3/9/2016 11:30 PM	7.64
3/7/2016 11:45 PM	7.70	3/8/2016 11:45 PM	7.71	3/9/2016 11:45 PM	7.63

AVG

7.62

AVG

7.62

AVG

7.60

Date And Time	pH	Date And Time	pH	Date And Time	pH
3/10/2016 12:00 AM	7.63	3/11/2016 12:00 AM	7.58	3/12/2016 12:00 AM	7.67
3/10/2016 12:15 AM	7.63	3/11/2016 12:15 AM	7.57	3/12/2016 12:15 AM	7.67
3/10/2016 12:30 AM	7.67	3/11/2016 12:30 AM	7.57	3/12/2016 12:30 AM	7.67
3/10/2016 12:45 AM	7.69	3/11/2016 12:45 AM	7.57	3/12/2016 12:45 AM	7.66
3/10/2016 1:00 AM	7.70	3/11/2016 1:00 AM	7.57	3/12/2016 1:00 AM	7.66
3/10/2016 1:15 AM	7.70	3/11/2016 1:15 AM	7.56	3/12/2016 1:15 AM	7.66
3/10/2016 1:30 AM	7.70	3/11/2016 1:30 AM	7.61	3/12/2016 1:30 AM	7.65
3/10/2016 1:45 AM	7.69	3/11/2016 1:45 AM	7.62	3/12/2016 1:45 AM	7.65
3/10/2016 2:00 AM	7.69	3/11/2016 2:00 AM	7.62	3/12/2016 2:00 AM	7.65
3/10/2016 2:15 AM	7.69	3/11/2016 2:15 AM	7.61	3/12/2016 2:15 AM	7.65
3/10/2016 2:30 AM	7.68	3/11/2016 2:30 AM	7.60	3/12/2016 2:30 AM	7.64
3/10/2016 2:45 AM	7.68	3/11/2016 2:45 AM	7.60	3/12/2016 2:45 AM	7.64
3/10/2016 3:00 AM	7.67	3/11/2016 3:00 AM	7.60	3/12/2016 3:00 AM	7.64
3/10/2016 3:15 AM	7.66	3/11/2016 3:15 AM	7.54	3/12/2016 3:15 AM	7.63
3/10/2016 3:30 AM	7.66	3/11/2016 3:30 AM	7.60	3/12/2016 3:30 AM	7.63
3/10/2016 3:45 AM	7.65	3/11/2016 3:45 AM	7.63	3/12/2016 3:45 AM	7.68
3/10/2016 4:00 AM	7.65	3/11/2016 4:00 AM	7.64	3/12/2016 4:00 AM	7.62
3/10/2016 4:15 AM	7.64	3/11/2016 4:15 AM	7.65	3/12/2016 4:15 AM	7.61
3/10/2016 4:30 AM	7.63	3/11/2016 4:30 AM	7.65	3/12/2016 4:30 AM	7.60
3/10/2016 4:45 AM	7.63	3/11/2016 4:45 AM	7.64	3/12/2016 4:45 AM	7.60
3/10/2016 5:00 AM	7.63	3/11/2016 5:00 AM	7.64	3/12/2016 5:00 AM	7.60
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3/10/2016 5:30 AM	7.62	3/11/2016 5:30 AM	7.63	3/12/2016 5:30 AM	7.59
3/10/2016 5:45 AM	7.61	3/11/2016 5:45 AM	7.63	3/12/2016 5:45 AM	7.59
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3/10/2016 7:30 AM	7.64	3/11/2016 7:30 AM	7.61	3/12/2016 7:30 AM	7.65
3/10/2016 7:45 AM	7.63	3/11/2016 7:45 AM	7.61	3/12/2016 7:45 AM	7.65
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3/10/2016 8:15 AM	7.61	3/11/2016 8:15 AM	7.60	3/12/2016 8:15 AM	7.63
3/10/2016 8:30 AM	7.61	3/11/2016 8:30 AM	7.60	3/12/2016 8:30 AM	7.63
3/10/2016 8:45 AM	7.60	3/11/2016 8:45 AM	7.59	3/12/2016 8:45 AM	7.62
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3/10/2016 12:45 PM	7.52	3/11/2016 12:45 PM	7.61	3/12/2016 12:45 PM	7.62
3/10/2016 1:00 PM	7.50	3/11/2016 1:00 PM	7.61	3/12/2016 1:00 PM	7.61
3/10/2016 1:15 PM	7.49	3/11/2016 1:15 PM	7.61	3/12/2016 1:15 PM	7.60
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3/10/2016 1:45 PM	7.50	3/11/2016 1:45 PM	7.60	3/12/2016 1:45 PM	7.61
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3/10/2016 5:45 PM	7.55	3/11/2016 5:45 PM	7.61	3/12/2016 5:45 PM	7.57
3/10/2016 6:00 PM	7.60	3/11/2016 6:00 PM	7.61	3/12/2016 6:00 PM	7.57
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3/10/2016 6:30 PM	7.56	3/11/2016 6:30 PM	7.59	3/12/2016 6:30 PM	7.55
3/10/2016 6:45 PM	7.59	3/11/2016 6:45 PM	7.58	3/12/2016 6:45 PM	7.55
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3/10/2016 7:45 PM	7.64	3/11/2016 7:45 PM	7.60	3/12/2016 7:45 PM	7.54
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3/10/2016 8:45 PM	7.64	3/11/2016 8:45 PM	7.60	3/12/2016 8:45 PM	7.53
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3/10/2016 9:15 PM	7.63	3/11/2016 9:15 PM	7.60	3/12/2016 9:15 PM	7.52
3/10/2016 9:30 PM	7.62	3/11/2016 9:30 PM	7.60	3/12/2016 9:30 PM	7.52
3/10/2016 9:45 PM	7.62	3/11/2016 9:45 PM	7.60	3/12/2016 9:45 PM	7.52
3/10/2016 10:00 PM	7.61	3/11/2016 10:00 PM	7.60	3/12/2016 10:00 PM	7.52
3/10/2016 10:15 PM	7.61	3/11/2016 10:15 PM	7.60	3/12/2016 10:15 PM	7.52
3/10/2016 10:30 PM	7.60	3/11/2016 10:30 PM	7.61	3/12/2016 10:30 PM	7.51
3/10/2016 10:45 PM	7.60	3/11/2016 10:45 PM	7.60	3/12/2016 10:45 PM	7.51
3/10/2016 11:00 PM	7.60	3/11/2016 11:00 PM	7.65	3/12/2016 11:00 PM	7.51
3/10/2016 11:15 PM	7.59	3/11/2016 11:15 PM	7.67	3/12/2016 11:15 PM	7.51
3/10/2016 11:30 PM	7.59	3/11/2016 11:30 PM	7.68	3/12/2016 11:30 PM	7.51
3/10/2016 11:45 PM	7.58	3/11/2016 11:45 PM	7.68	3/12/2016 11:45 PM	7.51

AVG

7.61

AVG

7.60

AVG

7.59

Date And Time	pH	Date And Time	pH	Date And Time	pH
3/13/2016 12:00 AM	7.51	3/14/2016 12:00 AM	7.61	3/15/2016 12:00 AM	7.61
3/13/2016 12:15 AM	7.50	3/14/2016 12:15 AM	7.59	3/15/2016 12:15 AM	7.61
3/13/2016 12:30 AM	7.50	3/14/2016 12:30 AM	7.59	3/15/2016 12:30 AM	7.60
3/13/2016 12:45 AM	7.50	3/14/2016 12:45 AM	7.59	3/15/2016 12:45 AM	7.60
3/13/2016 1:00 AM	7.50	3/14/2016 1:00 AM	7.62	3/15/2016 1:00 AM	7.59
3/13/2016 1:15 AM	7.50	3/14/2016 1:15 AM	7.64	3/15/2016 1:15 AM	7.58
3/13/2016 1:30 AM	7.50	3/14/2016 1:30 AM	7.65	3/15/2016 1:30 AM	7.57
3/13/2016 1:45 AM	7.50	3/14/2016 1:45 AM	7.64	3/15/2016 1:45 AM	7.57
3/13/2016 2:00 AM		3/14/2016 2:00 AM	7.64	3/15/2016 2:00 AM	7.57
3/13/2016 2:15 AM		3/14/2016 2:15 AM	7.63	3/15/2016 2:15 AM	7.56
3/13/2016 2:30 AM		3/14/2016 2:30 AM	7.62	3/15/2016 2:30 AM	7.54
3/13/2016 2:45 AM		3/14/2016 2:45 AM	7.62	3/15/2016 2:45 AM	7.59
3/13/2016 3:00 AM	7.50	3/14/2016 3:00 AM	7.62	3/15/2016 3:00 AM	7.62
3/13/2016 3:15 AM	7.50	3/14/2016 3:15 AM	7.62	3/15/2016 3:15 AM	7.63
3/13/2016 3:30 AM	7.49	3/14/2016 3:30 AM	7.61	3/15/2016 3:30 AM	7.63
3/13/2016 3:45 AM	7.49	3/14/2016 3:45 AM	7.61	3/15/2016 3:45 AM	7.63
3/13/2016 4:00 AM	7.49	3/14/2016 4:00 AM	7.61	3/15/2016 4:00 AM	7.62
3/13/2016 4:15 AM	7.49	3/14/2016 4:15 AM	7.61	3/15/2016 4:15 AM	7.62
3/13/2016 4:30 AM	7.49	3/14/2016 4:30 AM	7.61	3/15/2016 4:30 AM	7.62
3/13/2016 4:45 AM	7.49	3/14/2016 4:45 AM	7.61	3/15/2016 4:45 AM	7.61
3/13/2016 5:00 AM	7.49	3/14/2016 5:00 AM	7.60	3/15/2016 5:00 AM	7.61
3/13/2016 5:15 AM	7.49	3/14/2016 5:15 AM	7.60	3/15/2016 5:15 AM	7.61
3/13/2016 5:30 AM	7.49	3/14/2016 5:30 AM	7.60	3/15/2016 5:30 AM	7.59
3/13/2016 5:45 AM	7.49	3/14/2016 5:45 AM	7.60	3/15/2016 5:45 AM	7.57
3/13/2016 6:00 AM	7.49	3/14/2016 6:00 AM	7.60	3/15/2016 6:00 AM	7.57
3/13/2016 6:15 AM	7.49	3/14/2016 6:15 AM	7.60	3/15/2016 6:15 AM	7.57
3/13/2016 6:30 AM	7.49	3/14/2016 6:30 AM	7.60	3/15/2016 6:30 AM	7.57
3/13/2016 6:45 AM	7.48	3/14/2016 6:45 AM	7.60	3/15/2016 6:45 AM	7.56
3/13/2016 7:00 AM	7.48	3/14/2016 7:00 AM	7.60	3/15/2016 7:00 AM	7.56
3/13/2016 7:15 AM	7.48	3/14/2016 7:15 AM	7.59	3/15/2016 7:15 AM	7.56
3/13/2016 7:30 AM	7.48	3/14/2016 7:30 AM	7.59	3/15/2016 7:30 AM	7.60
3/13/2016 7:45 AM	7.48	3/14/2016 7:45 AM	7.59	3/15/2016 7:45 AM	7.62
3/13/2016 8:00 AM	7.48	3/14/2016 8:00 AM	7.64	3/15/2016 8:00 AM	7.63
3/13/2016 8:15 AM	7.48	3/14/2016 8:15 AM	7.59	3/15/2016 8:15 AM	7.63
3/13/2016 8:30 AM	7.48	3/14/2016 8:30 AM	7.57	3/15/2016 8:30 AM	7.62
3/13/2016 8:45 AM	7.48	3/14/2016 8:45 AM	7.57	3/15/2016 8:45 AM	7.62
3/13/2016 9:00 AM	7.48	3/14/2016 9:00 AM	7.56	3/15/2016 9:00 AM	7.61
3/13/2016 9:15 AM	7.48	3/14/2016 9:15 AM	7.56	3/15/2016 9:15 AM	7.61
3/13/2016 9:30 AM	7.47	3/14/2016 9:30 AM	7.56	3/15/2016 9:30 AM	7.60
3/13/2016 9:45 AM	7.47	3/14/2016 9:45 AM	7.56	3/15/2016 9:45 AM	7.60
3/13/2016 10:00 AM	7.47	3/14/2016 10:00 AM	7.56	3/15/2016 10:00 AM	7.60
3/13/2016 10:15 AM	7.48	3/14/2016 10:15 AM	7.56	3/15/2016 10:15 AM	7.58
3/13/2016 10:30 AM	7.47	3/14/2016 10:30 AM	7.54	3/15/2016 10:30 AM	7.56
3/13/2016 10:45 AM	7.47	3/14/2016 10:45 AM	7.59	3/15/2016 10:45 AM	7.56
3/13/2016 11:00 AM	7.47	3/14/2016 11:00 AM	7.62	3/15/2016 11:00 AM	7.55
3/13/2016 11:15 AM	7.47	3/14/2016 11:15 AM	7.63	3/15/2016 11:15 AM	7.56
3/13/2016 11:30 AM	7.47	3/14/2016 11:30 AM	7.63	3/15/2016 11:30 AM	7.59
3/13/2016 11:45 AM	7.47	3/14/2016 11:45 AM	7.62	3/15/2016 11:45 AM	7.61
3/13/2016 12:00 PM	7.47	3/14/2016 12:00 PM	7.61	3/15/2016 12:00 PM	7.61
3/13/2016 12:15 PM	7.47	3/14/2016 12:15 PM	7.61	3/15/2016 12:15 PM	7.61
3/13/2016 12:30 PM	7.47	3/14/2016 12:30 PM	7.60	3/15/2016 12:30 PM	7.60
3/13/2016 12:45 PM	7.47	3/14/2016 12:45 PM	7.60	3/15/2016 12:45 PM	7.60
3/13/2016 1:00 PM	7.47	3/14/2016 1:00 PM	7.59	3/15/2016 1:00 PM	7.59
3/13/2016 1:15 PM	7.47	3/14/2016 1:15 PM	7.59	3/15/2016 1:15 PM	7.59
3/13/2016 1:30 PM	7.47	3/14/2016 1:30 PM	7.59	3/15/2016 1:30 PM	7.59
3/13/2016 1:45 PM	7.47	3/14/2016 1:45 PM	7.66	3/15/2016 1:45 PM	7.58
3/13/2016 2:00 PM	7.47	3/14/2016 2:00 PM	7.59	3/15/2016 2:00 PM	7.58

3/13/2016 2:15 PM	7.47	3/14/2016 2:15 PM	7.58	3/15/2016 2:15 PM	7.57
3/13/2016 2:30 PM	7.47	3/14/2016 2:30 PM	7.58	3/15/2016 2:30 PM	7.56
3/13/2016 2:45 PM	7.47	3/14/2016 2:45 PM	7.58	3/15/2016 2:45 PM	7.55
3/13/2016 3:00 PM	7.47	3/14/2016 3:00 PM	7.61	3/15/2016 3:00 PM	7.55
3/13/2016 3:15 PM	7.62	3/14/2016 3:15 PM	7.63	3/15/2016 3:15 PM	7.54
3/13/2016 3:30 PM	7.60	3/14/2016 3:30 PM	7.63	3/15/2016 3:30 PM	7.53
3/13/2016 3:45 PM	7.58	3/14/2016 3:45 PM	7.63	3/15/2016 3:45 PM	7.53
3/13/2016 4:00 PM	7.56	3/14/2016 4:00 PM	7.60	3/15/2016 4:00 PM	7.53
3/13/2016 4:15 PM	7.55	3/14/2016 4:15 PM	7.59	3/15/2016 4:15 PM	7.53
3/13/2016 4:30 PM	7.55	3/14/2016 4:30 PM	7.59	3/15/2016 4:30 PM	7.52
3/13/2016 4:45 PM	7.54	3/14/2016 4:45 PM	7.58	3/15/2016 4:45 PM	7.52
3/13/2016 5:00 PM	7.54	3/14/2016 5:00 PM	7.58	3/15/2016 5:00 PM	7.52
3/13/2016 5:15 PM	7.54	3/14/2016 5:15 PM	7.58	3/15/2016 5:15 PM	7.51
3/13/2016 5:30 PM	7.54	3/14/2016 5:30 PM	7.54	3/15/2016 5:30 PM	7.50
3/13/2016 5:45 PM	7.55	3/14/2016 5:45 PM	7.60	3/15/2016 5:45 PM	7.51
3/13/2016 6:00 PM	7.55	3/14/2016 6:00 PM	7.63	3/15/2016 6:00 PM	7.51
3/13/2016 6:15 PM	7.55	3/14/2016 6:15 PM	7.64	3/15/2016 6:15 PM	7.51
3/13/2016 6:30 PM	7.55	3/14/2016 6:30 PM	7.64	3/15/2016 6:30 PM	7.51
3/13/2016 6:45 PM	7.55	3/14/2016 6:45 PM	7.64	3/15/2016 6:45 PM	7.49
3/13/2016 7:00 PM	7.56	3/14/2016 7:00 PM	7.63	3/15/2016 7:00 PM	7.49
3/13/2016 7:15 PM	7.56	3/14/2016 7:15 PM	7.63	3/15/2016 7:15 PM	7.49
3/13/2016 7:30 PM	7.56	3/14/2016 7:30 PM	7.62	3/15/2016 7:30 PM	7.48
3/13/2016 7:45 PM	7.57	3/14/2016 7:45 PM	7.61	3/15/2016 7:45 PM	7.57
3/13/2016 8:00 PM	7.57	3/14/2016 8:00 PM	7.61	3/15/2016 8:00 PM	7.56
3/13/2016 8:15 PM	7.57	3/14/2016 8:15 PM	7.61	3/15/2016 8:15 PM	7.55
3/13/2016 8:30 PM	7.57	3/14/2016 8:30 PM	7.59	3/15/2016 8:30 PM	7.54
3/13/2016 8:45 PM	7.57	3/14/2016 8:45 PM	7.58	3/15/2016 8:45 PM	7.51
3/13/2016 9:00 PM	7.57	3/14/2016 9:00 PM	7.58	3/15/2016 9:00 PM	7.56
3/13/2016 9:15 PM	7.57	3/14/2016 9:15 PM	7.57	3/15/2016 9:15 PM	7.58
3/13/2016 9:30 PM	7.57	3/14/2016 9:30 PM	7.57	3/15/2016 9:30 PM	7.59
3/13/2016 9:45 PM	7.57	3/14/2016 9:45 PM	7.54	3/15/2016 9:45 PM	7.60
3/13/2016 10:00 PM	7.58	3/14/2016 10:00 PM	7.59	3/15/2016 10:00 PM	7.59
3/13/2016 10:15 PM	7.58	3/14/2016 10:15 PM	7.62	3/15/2016 10:15 PM	7.59
3/13/2016 10:30 PM	7.58	3/14/2016 10:30 PM	7.63	3/15/2016 10:30 PM	7.58
3/13/2016 10:45 PM	7.61	3/14/2016 10:45 PM	7.64	3/15/2016 10:45 PM	7.58
3/13/2016 11:00 PM	7.64	3/14/2016 11:00 PM	7.63	3/15/2016 11:00 PM	7.58
3/13/2016 11:15 PM	7.65	3/14/2016 11:15 PM	7.62	3/15/2016 11:15 PM	7.58
3/13/2016 11:30 PM	7.66	3/14/2016 11:30 PM	7.62	3/15/2016 11:30 PM	7.58
3/13/2016 11:45 PM	7.68	3/14/2016 11:45 PM	7.62	3/15/2016 11:45 PM	7.56

AVG

7.52

AVG

7.60

AVG

7.57

Note: No data recorded from 2:00AM through 2:45AM due to loss of communication between the pH probe to the SCADA, not included in calculations.

Date And Time	pH	Date And Time	pH	Date And Time	pH
3/16/2016 12:00 AM	7.56	3/17/2016 12:00 AM	7.52	3/18/2016 12:00 AM	8.62
3/16/2016 12:15 AM	7.55	3/17/2016 12:15 AM	7.55	3/18/2016 12:15 AM	8.62
3/16/2016 12:30 AM	7.55	3/17/2016 12:30 AM	7.57	3/18/2016 12:30 AM	8.62
3/16/2016 12:45 AM	7.55	3/17/2016 12:45 AM	7.57	3/18/2016 12:45 AM	8.61
3/16/2016 1:00 AM	7.55	3/17/2016 1:00 AM	7.58	3/18/2016 1:00 AM	8.68
3/16/2016 1:15 AM	7.55	3/17/2016 1:15 AM	7.58	3/18/2016 1:15 AM	8.68
3/16/2016 1:30 AM	7.59	3/17/2016 1:30 AM	7.58	3/18/2016 1:30 AM	8.66
3/16/2016 1:45 AM	7.61	3/17/2016 1:45 AM	7.57	3/18/2016 1:45 AM	8.66
3/16/2016 2:00 AM	7.62	3/17/2016 2:00 AM	7.57	3/18/2016 2:00 AM	8.65
3/16/2016 2:15 AM	7.62	3/17/2016 2:15 AM	7.57	3/18/2016 2:15 AM	8.65
3/16/2016 2:30 AM	7.62	3/17/2016 2:30 AM	7.58	3/18/2016 2:30 AM	8.61
3/16/2016 2:45 AM	7.62	3/17/2016 2:45 AM	7.57	3/18/2016 2:45 AM	8.67
3/16/2016 3:00 AM	7.61	3/17/2016 3:00 AM	7.56	3/18/2016 3:00 AM	8.70
3/16/2016 3:15 AM	7.60	3/17/2016 3:15 AM	7.55	3/18/2016 3:15 AM	8.71
3/16/2016 3:30 AM	7.60	3/17/2016 3:30 AM	7.55	3/18/2016 3:30 AM	8.72
3/16/2016 3:45 AM	7.60	3/17/2016 3:45 AM	7.55	3/18/2016 3:45 AM	8.72
3/16/2016 4:00 AM	7.58	3/17/2016 4:00 AM	7.55	3/18/2016 4:00 AM	8.71
3/16/2016 4:15 AM	7.57	3/17/2016 4:15 AM	7.53	3/18/2016 4:15 AM	8.71
3/16/2016 4:30 AM	7.56	3/17/2016 4:30 AM	7.58	3/18/2016 4:30 AM	8.69
3/16/2016 4:45 AM	7.56	3/17/2016 4:45 AM	7.61	3/18/2016 4:45 AM	8.69
3/16/2016 5:00 AM	7.55	3/17/2016 5:00 AM	7.62	3/18/2016 5:00 AM	8.69
3/16/2016 5:15 AM	7.49	3/17/2016 5:15 AM	7.62	3/18/2016 5:15 AM	8.68
3/16/2016 5:30 AM	7.57	3/17/2016 5:30 AM	7.62	3/18/2016 5:30 AM	8.76
3/16/2016 5:45 AM	7.60	3/17/2016 5:45 AM	7.61	3/18/2016 5:45 AM	8.74
3/16/2016 6:00 AM	7.62	3/17/2016 6:00 AM	7.61	3/18/2016 6:00 AM	8.73
3/16/2016 6:15 AM	7.62	3/17/2016 6:15 AM	7.61	3/18/2016 6:15 AM	8.69
3/16/2016 6:30 AM	7.62	3/17/2016 6:30 AM	7.61	3/18/2016 6:30 AM	8.73
3/16/2016 6:45 AM	7.62	3/17/2016 6:45 AM	7.65	3/18/2016 6:45 AM	8.76
3/16/2016 7:00 AM	7.61	3/17/2016 7:00 AM	7.58	3/18/2016 7:00 AM	8.77
3/16/2016 7:15 AM	7.61	3/17/2016 7:15 AM	7.57	3/18/2016 7:15 AM	8.77
3/16/2016 7:30 AM	7.61	3/17/2016 7:30 AM	7.57	3/18/2016 7:30 AM	8.76
3/16/2016 7:45 AM	7.61	3/17/2016 7:45 AM	7.57	3/18/2016 7:45 AM	8.75
3/16/2016 8:00 AM	7.60	3/17/2016 8:00 AM	7.56	3/18/2016 8:00 AM	8.74
3/16/2016 8:15 AM	7.60	3/17/2016 8:15 AM	7.56	3/18/2016 8:15 AM	8.73
3/16/2016 8:30 AM	7.64	3/17/2016 8:30 AM	7.56	3/18/2016 8:30 AM	8.72
3/16/2016 8:45 AM	7.57	3/17/2016 8:45 AM	7.55	3/18/2016 8:45 AM	8.71
3/16/2016 9:00 AM	7.55	3/17/2016 9:00 AM	7.56	3/18/2016 9:00 AM	8.69
3/16/2016 9:15 AM	7.53	3/17/2016 9:15 AM	7.55	3/18/2016 9:15 AM	8.68
3/16/2016 9:30 AM	7.51	3/17/2016 9:30 AM	7.50	3/18/2016 9:30 AM	8.66
3/16/2016 9:45 AM	7.49	3/17/2016 9:45 AM	7.56	3/18/2016 9:45 AM	8.66
3/16/2016 10:00 AM	7.45	3/17/2016 10:00 AM	7.59	3/18/2016 10:00 AM	8.65
3/16/2016 10:15 AM	7.48	3/17/2016 10:15 AM	7.60	3/18/2016 10:15 AM	8.65
3/16/2016 10:30 AM	7.49	3/17/2016 10:30 AM	7.59	3/18/2016 10:30 AM	8.65
3/16/2016 10:45 AM	7.49	3/17/2016 10:45 AM	7.58	3/18/2016 10:45 AM	8.65
3/16/2016 11:00 AM	7.48	3/17/2016 11:00 AM	7.60	3/18/2016 11:00 AM	8.66
3/16/2016 11:15 AM	7.47	3/17/2016 11:15 AM	7.59	3/18/2016 11:15 AM	8.64
3/16/2016 11:30 AM	7.46	3/17/2016 11:30 AM	7.59	3/18/2016 11:30 AM	8.63
3/16/2016 11:45 AM	7.45	3/17/2016 11:45 AM	7.58	3/18/2016 11:45 AM	8.65
3/16/2016 12:00 PM	7.45	3/17/2016 12:00 PM	7.58	3/18/2016 12:00 PM	8.66
3/16/2016 12:15 PM	7.47	3/17/2016 12:15 PM	7.58	3/18/2016 12:15 PM	8.66
3/16/2016 12:30 PM	7.48	3/17/2016 12:30 PM	7.57	3/18/2016 12:30 PM	8.65
3/16/2016 12:45 PM	7.50	3/17/2016 12:45 PM	7.56	3/18/2016 12:45 PM	8.64
3/16/2016 1:00 PM	7.49	3/17/2016 1:00 PM	7.56	3/18/2016 1:00 PM	8.63
3/16/2016 1:15 PM	7.44	3/17/2016 1:15 PM	7.56	3/18/2016 1:15 PM	8.63
3/16/2016 1:30 PM	7.48	3/17/2016 1:30 PM	7.55	3/18/2016 1:30 PM	8.62
3/16/2016 1:45 PM	7.49	3/17/2016 1:45 PM	7.55	3/18/2016 1:45 PM	8.59
3/16/2016 2:00 PM	7.50	3/17/2016 2:00 PM	7.53	3/18/2016 2:00 PM	8.59

3/16/2016 2:15 PM	7.49	3/17/2016 2:15 PM	7.53	3/18/2016 2:15 PM	8.60
3/16/2016 2:30 PM	7.52	3/17/2016 2:30 PM	7.53	3/18/2016 2:30 PM	8.61
3/16/2016 2:45 PM	7.53	3/17/2016 2:45 PM	7.53	3/18/2016 2:45 PM	8.61
3/16/2016 3:00 PM	7.53	3/17/2016 3:00 PM	7.53	3/18/2016 3:00 PM	8.61
3/16/2016 3:15 PM	7.54	3/17/2016 3:15 PM	7.52	3/18/2016 3:15 PM	8.59
3/16/2016 3:30 PM	7.54	3/17/2016 3:30 PM	7.51	3/18/2016 3:30 PM	8.58
3/16/2016 3:45 PM	7.53	3/17/2016 3:45 PM	7.51	3/18/2016 3:45 PM	8.58
3/16/2016 4:00 PM	7.52	3/17/2016 4:00 PM	7.50	3/18/2016 4:00 PM	8.59
3/16/2016 4:15 PM	7.52	3/17/2016 4:15 PM	7.50	3/18/2016 4:15 PM	8.57
3/16/2016 4:30 PM	7.51	3/17/2016 4:30 PM	7.48	3/18/2016 4:30 PM	8.57
3/16/2016 4:45 PM	7.50	3/17/2016 4:45 PM	7.48	3/18/2016 4:45 PM	8.56
3/16/2016 5:00 PM	7.51	3/17/2016 5:00 PM	7.48	3/18/2016 5:00 PM	8.56
3/16/2016 5:15 PM	7.50	3/17/2016 5:15 PM	7.48	3/18/2016 5:15 PM	8.55
3/16/2016 5:30 PM	7.49	3/17/2016 5:30 PM	7.48	3/18/2016 5:30 PM	8.55
3/16/2016 5:45 PM	7.51	3/17/2016 5:45 PM	7.47	3/18/2016 5:45 PM	8.56
3/16/2016 6:00 PM	7.50	3/17/2016 6:00 PM	7.48	3/18/2016 6:00 PM	8.55
3/16/2016 6:15 PM	7.49	3/17/2016 6:15 PM	7.47	3/18/2016 6:15 PM	8.55
3/16/2016 6:30 PM	7.49	3/17/2016 6:30 PM	7.47	3/18/2016 6:30 PM	8.54
3/16/2016 6:45 PM	7.49	3/17/2016 6:45 PM	7.47	3/18/2016 6:45 PM	8.54
3/16/2016 7:00 PM	7.49	3/17/2016 7:00 PM	7.47	3/18/2016 7:00 PM	8.54
3/16/2016 7:15 PM	7.48	3/17/2016 7:15 PM	7.47	3/18/2016 7:15 PM	8.54
3/16/2016 7:30 PM	7.48	3/17/2016 7:30 PM	7.47	3/18/2016 7:30 PM	8.54
3/16/2016 7:45 PM	7.49	3/17/2016 7:45 PM	7.47	3/18/2016 7:45 PM	8.54
3/16/2016 8:00 PM	7.49	3/17/2016 8:00 PM	7.47	3/18/2016 8:00 PM	8.54
3/16/2016 8:15 PM	7.49	3/17/2016 8:15 PM	7.47	3/18/2016 8:15 PM	8.53
3/16/2016 8:30 PM	7.49	3/17/2016 8:30 PM	8.75	3/18/2016 8:30 PM	8.53
3/16/2016 8:45 PM	7.48	3/17/2016 8:45 PM	8.69	3/18/2016 8:45 PM	8.53
3/16/2016 9:00 PM	7.47	3/17/2016 9:00 PM	8.59	3/18/2016 9:00 PM	8.53
3/16/2016 9:15 PM	7.46	3/17/2016 9:15 PM	8.62	3/18/2016 9:15 PM	8.53
3/16/2016 9:30 PM	7.48	3/17/2016 9:30 PM	8.64	3/18/2016 9:30 PM	8.53
3/16/2016 9:45 PM	7.48	3/17/2016 9:45 PM	8.64	3/18/2016 9:45 PM	8.53
3/16/2016 10:00 PM	7.47	3/17/2016 10:00 PM	8.65	3/18/2016 10:00 PM	8.53
3/16/2016 10:15 PM	7.45	3/17/2016 10:15 PM	8.66	3/18/2016 10:15 PM	8.53
3/16/2016 10:30 PM	7.46	3/17/2016 10:30 PM	8.65	3/18/2016 10:30 PM	8.53
3/16/2016 10:45 PM	7.56	3/17/2016 10:45 PM	8.65	3/18/2016 10:45 PM	8.53
3/16/2016 11:00 PM	7.57	3/17/2016 11:00 PM	8.64	3/18/2016 11:00 PM	8.93
3/16/2016 11:15 PM	7.56	3/17/2016 11:15 PM	8.64	3/18/2016 11:15 PM	8.95
3/16/2016 11:30 PM	7.55	3/17/2016 11:30 PM	8.64	3/18/2016 11:30 PM	8.93
3/16/2016 11:45 PM	7.48	3/17/2016 11:45 PM	8.63	3/18/2016 11:45 PM	8.92

AVG

7.53

AVG

7.71

AVG

8.64

Note: New carbon placed into service approx.
8:00 PM. typical pH spike seen after new carbon
placed into service after regeneration.

Date And Time	pH	Date And Time	pH	Date And Time	pH
3/19/2016 12:00 AM	8.93	3/20/2016 12:00 AM	8.73	3/21/2016 12:00 AM	8.84
3/19/2016 12:15 AM	8.91	3/20/2016 12:15 AM	8.73	3/21/2016 12:15 AM	9.11
3/19/2016 12:30 AM	8.90	3/20/2016 12:30 AM	8.72	3/21/2016 12:30 AM	8.90
3/19/2016 12:45 AM	8.90	3/20/2016 12:45 AM	8.72	3/21/2016 12:45 AM	8.87
3/19/2016 1:00 AM	8.89	3/20/2016 1:00 AM	8.72	3/21/2016 1:00 AM	8.90
3/19/2016 1:15 AM	8.89	3/20/2016 1:15 AM	8.71	3/21/2016 1:15 AM	8.90
3/19/2016 1:30 AM	8.94	3/20/2016 1:30 AM	8.71	3/21/2016 1:30 AM	8.92
3/19/2016 1:45 AM	8.97	3/20/2016 1:45 AM	8.70	3/21/2016 1:45 AM	8.91
3/19/2016 2:00 AM	8.98	3/20/2016 2:00 AM	8.70	3/21/2016 2:00 AM	8.92
3/19/2016 2:15 AM	8.98	3/20/2016 2:15 AM	8.70	3/21/2016 2:15 AM	8.94
3/19/2016 2:30 AM	8.98	3/20/2016 2:30 AM	8.76	3/21/2016 2:30 AM	8.97
3/19/2016 2:45 AM	8.97	3/20/2016 2:45 AM	8.76	3/21/2016 2:45 AM	8.96
3/19/2016 3:00 AM	8.97	3/20/2016 3:00 AM	8.76	3/21/2016 3:00 AM	8.93
3/19/2016 3:15 AM	8.97	3/20/2016 3:15 AM	8.79	3/21/2016 3:15 AM	8.95
3/19/2016 3:30 AM	8.96	3/20/2016 3:30 AM	8.77	3/21/2016 3:30 AM	8.98
3/19/2016 3:45 AM	8.96	3/20/2016 3:45 AM	8.77	3/21/2016 3:45 AM	9.00
3/19/2016 4:00 AM	8.99	3/20/2016 4:00 AM	8.77	3/21/2016 4:00 AM	8.95
3/19/2016 4:15 AM	8.99	3/20/2016 4:15 AM	8.78	3/21/2016 4:15 AM	8.92
3/19/2016 4:30 AM	8.98	3/20/2016 4:30 AM	8.78	3/21/2016 4:30 AM	8.89
3/19/2016 4:45 AM	8.95	3/20/2016 4:45 AM	8.78	3/21/2016 4:45 AM	8.87
3/19/2016 5:00 AM	8.95	3/20/2016 5:00 AM	8.78	3/21/2016 5:00 AM	8.86
3/19/2016 5:15 AM	8.95	3/20/2016 5:15 AM	8.78	3/21/2016 5:15 AM	8.84
3/19/2016 5:30 AM	8.94	3/20/2016 5:30 AM	8.78	3/21/2016 5:30 AM	8.89
3/19/2016 5:45 AM	8.97	3/20/2016 5:45 AM	8.77	3/21/2016 5:45 AM	8.86
3/19/2016 6:00 AM	9.00	3/20/2016 6:00 AM	8.77	3/21/2016 6:00 AM	8.91
3/19/2016 6:15 AM	9.01	3/20/2016 6:15 AM	8.77	3/21/2016 6:15 AM	8.88
3/19/2016 6:30 AM	9.02	3/20/2016 6:30 AM	8.77	3/21/2016 6:30 AM	8.89
3/19/2016 6:45 AM	9.01	3/20/2016 6:45 AM	8.77	3/21/2016 6:45 AM	8.85
3/19/2016 7:00 AM	9.01	3/20/2016 7:00 AM	8.84	3/21/2016 7:00 AM	8.87
3/19/2016 7:15 AM	9.01	3/20/2016 7:15 AM	8.84	3/21/2016 7:15 AM	8.86
3/19/2016 7:30 AM	9.01	3/20/2016 7:30 AM	8.83	3/21/2016 7:30 AM	8.81
3/19/2016 7:45 AM	9.01	3/20/2016 7:45 AM	8.86	3/21/2016 7:45 AM	8.81
3/19/2016 8:00 AM	9.00	3/20/2016 8:00 AM	8.86	3/21/2016 8:00 AM	8.83
3/19/2016 8:15 AM	9.00	3/20/2016 8:15 AM	8.89	3/21/2016 8:15 AM	8.77
3/19/2016 8:30 AM	9.00	3/20/2016 8:30 AM	8.89	3/21/2016 8:30 AM	8.78
3/19/2016 8:45 AM	8.98	3/20/2016 8:45 AM	8.86	3/21/2016 8:45 AM	8.78
3/19/2016 9:00 AM	8.97	3/20/2016 9:00 AM	8.83	3/21/2016 9:00 AM	8.73
3/19/2016 9:15 AM	8.96	3/20/2016 9:15 AM	8.83	3/21/2016 9:15 AM	8.65
3/19/2016 9:30 AM	8.96	3/20/2016 9:30 AM	8.84	3/21/2016 9:30 AM	8.70
3/19/2016 9:45 AM	8.92	3/20/2016 9:45 AM	8.85	3/21/2016 9:45 AM	8.74
3/19/2016 10:00 AM	8.95	3/20/2016 10:00 AM	8.87	3/21/2016 10:00 AM	8.70
3/19/2016 10:15 AM	8.95	3/20/2016 10:15 AM	8.89	3/21/2016 10:15 AM	8.77
3/19/2016 10:30 AM	8.95	3/20/2016 10:30 AM	8.85	3/21/2016 10:30 AM	9.15
3/19/2016 10:45 AM	8.95	3/20/2016 10:45 AM	8.83	3/21/2016 10:45 AM	9.43
3/19/2016 11:00 AM	8.95	3/20/2016 11:00 AM	8.80	3/21/2016 11:00 AM	9.43
3/19/2016 11:15 AM	8.95	3/20/2016 11:15 AM	8.81	3/21/2016 11:15 AM	9.22
3/19/2016 11:30 AM	8.95	3/20/2016 11:30 AM	8.87	3/21/2016 11:30 AM	9.08
3/19/2016 11:45 AM	8.95	3/20/2016 11:45 AM	8.84	3/21/2016 11:45 AM	8.90
3/19/2016 12:00 PM	8.95	3/20/2016 12:00 PM	8.85	3/21/2016 12:00 PM	8.90
3/19/2016 12:15 PM	(3.50)	3/20/2016 12:15 PM	8.83	3/21/2016 12:15 PM	8.82
3/19/2016 12:30 PM	(0.00)	3/20/2016 12:30 PM	8.80	3/21/2016 12:30 PM	8.78
3/19/2016 12:45 PM	(0.00)	3/20/2016 12:45 PM	8.83	3/21/2016 12:45 PM	8.81
3/19/2016 1:00 PM	8.58	3/20/2016 1:00 PM	8.82	3/21/2016 1:00 PM	8.88
3/19/2016 1:15 PM		3/20/2016 1:15 PM	8.82	3/21/2016 1:15 PM	9.02
3/19/2016 1:30 PM		3/20/2016 1:30 PM	8.80	3/21/2016 1:30 PM	9.20
3/19/2016 1:45 PM		3/20/2016 1:45 PM	8.80	3/21/2016 1:45 PM	9.34

3/19/2016 2:00 PM	8.55	3/20/2016 2:00 PM	8.79	3/21/2016 2:00 PM	9.44
3/19/2016 2:15 PM		3/20/2016 2:15 PM	8.81	3/21/2016 2:15 PM	8.47
3/19/2016 2:30 PM		3/20/2016 2:30 PM	8.81	3/21/2016 2:30 PM	8.47
3/19/2016 2:45 PM		3/20/2016 2:45 PM	8.83	3/21/2016 2:45 PM	8.31
3/19/2016 3:00 PM	8.55	3/20/2016 3:00 PM	8.81	3/21/2016 3:00 PM	8.25
3/19/2016 3:15 PM		3/20/2016 3:15 PM	8.83	3/21/2016 3:15 PM	8.26
3/19/2016 3:30 PM		3/20/2016 3:30 PM	8.81	3/21/2016 3:30 PM	8.29
3/19/2016 3:45 PM		3/20/2016 3:45 PM	8.81	3/21/2016 3:45 PM	8.27
3/19/2016 4:00 PM	8.58	3/20/2016 4:00 PM	8.88	3/21/2016 4:00 PM	8.35
3/19/2016 4:15 PM		3/20/2016 4:15 PM	8.88	3/21/2016 4:15 PM	8.32
3/19/2016 4:30 PM	7.13	3/20/2016 4:30 PM	8.89	3/21/2016 4:30 PM	8.39
3/19/2016 4:45 PM	7.17	3/20/2016 4:45 PM	8.85	3/21/2016 4:45 PM	8.32
3/19/2016 5:00 PM	6.68	3/20/2016 5:00 PM	8.89	3/21/2016 5:00 PM	8.27
3/19/2016 5:15 PM	8.84	3/20/2016 5:15 PM	8.93	3/21/2016 5:15 PM	8.25
3/19/2016 5:30 PM	8.88	3/20/2016 5:30 PM	9.40	3/21/2016 5:30 PM	8.20
3/19/2016 5:45 PM	8.89	3/20/2016 5:45 PM	9.12	3/21/2016 5:45 PM	8.14
3/19/2016 6:00 PM	8.85	3/20/2016 6:00 PM	8.93	3/21/2016 6:00 PM	8.11
3/19/2016 6:15 PM	8.71	3/20/2016 6:15 PM	8.89	3/21/2016 6:15 PM	8.22
3/19/2016 6:30 PM	8.71	3/20/2016 6:30 PM	8.91	3/21/2016 6:30 PM	8.25
3/19/2016 6:45 PM	8.67	3/20/2016 6:45 PM	8.91	3/21/2016 6:45 PM	8.25
3/19/2016 7:00 PM	8.65	3/20/2016 7:00 PM	8.87	3/21/2016 7:00 PM	8.30
3/19/2016 7:15 PM	8.66	3/20/2016 7:15 PM	8.86	3/21/2016 7:15 PM	8.31
3/19/2016 7:30 PM	8.67	3/20/2016 7:30 PM	8.85	3/21/2016 7:30 PM	8.30
3/19/2016 7:45 PM	8.66	3/20/2016 7:45 PM	8.85	3/21/2016 7:45 PM	8.34
3/19/2016 8:00 PM	8.67	3/20/2016 8:00 PM	8.82	3/21/2016 8:00 PM	8.32
3/19/2016 8:15 PM	8.68	3/20/2016 8:15 PM	8.82	3/21/2016 8:15 PM	8.37
3/19/2016 8:30 PM	8.67	3/20/2016 8:30 PM	8.85	3/21/2016 8:30 PM	8.40
3/19/2016 8:45 PM	8.66	3/20/2016 8:45 PM	8.88	3/21/2016 8:45 PM	8.52
3/19/2016 9:00 PM	8.66	3/20/2016 9:00 PM	8.84	3/21/2016 9:00 PM	8.62
3/19/2016 9:15 PM	8.66	3/20/2016 9:15 PM	8.82	3/21/2016 9:15 PM	8.55
3/19/2016 9:30 PM	8.65	3/20/2016 9:30 PM	8.83	3/21/2016 9:30 PM	8.39
3/19/2016 9:45 PM	8.65	3/20/2016 9:45 PM	8.84	3/21/2016 9:45 PM	8.37
3/19/2016 10:00 PM	8.70	3/20/2016 10:00 PM	8.84	3/21/2016 10:00 PM	8.38
3/19/2016 10:15 PM	8.71	3/20/2016 10:15 PM	8.88	3/21/2016 10:15 PM	8.38
3/19/2016 10:30 PM	8.72	3/20/2016 10:30 PM	8.89	3/21/2016 10:30 PM	8.36
3/19/2016 10:45 PM	8.72	3/20/2016 10:45 PM	8.95	3/21/2016 10:45 PM	8.37
3/19/2016 11:00 PM	8.71	3/20/2016 11:00 PM	8.89	3/21/2016 11:00 PM	8.37
3/19/2016 11:15 PM	8.72	3/20/2016 11:15 PM	8.88	3/21/2016 11:15 PM	8.39
3/19/2016 11:30 PM	8.72	3/20/2016 11:30 PM	8.84	3/21/2016 11:30 PM	8.43
3/19/2016 11:45 PM	8.72	3/20/2016 11:45 PM	8.84	3/21/2016 11:45 PM	8.45

AVG

8.76

AVG

8.82

AVG

8.62

Note: pH inconsistencies were due to a failure of the effluent pH probe, highlighted values are not included in calculations.

Note: pH inconsistencies were due to a failure of the effluent pH probe, highlighted values not included in calculations. All discharge pumps to the river disabled until pH returned to acceptable discharge range.

Note: pH inconsistencies were due to a failure of the effluent pH probe, highlighted values not included in calculations. All discharge pumps to the river disabled until pH returned to acceptable discharge range.

1. 6:00AM- 8:30AM; pH continues to rise after GAC regeneration until an unspecified amount of water passes through the GAC units, when pH reaches 9.00, all discharge pumps to the river are disabled.

2. 12:15 PM - 5:00 PM, pH probe removed for replacement with new probe sensor unit.

Note: pH values were taken manually during pH probe failure.

Date And Time	pH	Date And Time	pH	Date And Time	pH
3/22/2016 12:00 AM	8.51	3/23/2016 12:00 AM	8.17	3/24/2016 12:00 AM	9.03
3/22/2016 12:15 AM	8.55	3/23/2016 12:15 AM	8.17	3/24/2016 12:15 AM	9.07
3/22/2016 12:30 AM	8.61	3/23/2016 12:30 AM	8.14	3/24/2016 12:30 AM	9.09
3/22/2016 12:45 AM	8.67	3/23/2016 12:45 AM	8.12	3/24/2016 12:45 AM	9.12
3/22/2016 1:00 AM	8.57	3/23/2016 1:00 AM	8.11	3/24/2016 1:00 AM	9.13
3/22/2016 1:15 AM	8.57	3/23/2016 1:15 AM	8.13	3/24/2016 1:15 AM	9.15
3/22/2016 1:30 AM	8.53	3/23/2016 1:30 AM	8.09	3/24/2016 1:30 AM	9.14
3/22/2016 1:45 AM	8.52	3/23/2016 1:45 AM	8.08	3/24/2016 1:45 AM	9.09
3/22/2016 2:00 AM	8.51	3/23/2016 2:00 AM	8.10	3/24/2016 2:00 AM	9.03
3/22/2016 2:15 AM	8.52	3/23/2016 2:15 AM	8.11	3/24/2016 2:15 AM	9.03
3/22/2016 2:30 AM	8.49	3/23/2016 2:30 AM	8.18	3/24/2016 2:30 AM	9.04
3/22/2016 2:45 AM	8.49	3/23/2016 2:45 AM	8.21	3/24/2016 2:45 AM	9.08
3/22/2016 3:00 AM	8.47	3/23/2016 3:00 AM	8.24	3/24/2016 3:00 AM	9.07
3/22/2016 3:15 AM	8.46	3/23/2016 3:15 AM	8.19	3/24/2016 3:15 AM	9.08
3/22/2016 3:30 AM	8.47	3/23/2016 3:30 AM	8.24	3/24/2016 3:30 AM	8.21
3/22/2016 3:45 AM	8.48	3/23/2016 3:45 AM	8.28	3/24/2016 3:45 AM	
3/22/2016 4:00 AM	8.52	3/23/2016 4:00 AM	8.23	3/24/2016 4:00 AM	
3/22/2016 4:15 AM	8.49	3/23/2016 4:15 AM	8.21	3/24/2016 4:15 AM	
3/22/2016 4:30 AM	8.52	3/23/2016 4:30 AM	8.14	3/24/2016 4:30 AM	8.31
3/22/2016 4:45 AM	8.52	3/23/2016 4:45 AM	8.12	3/24/2016 4:45 AM	
3/22/2016 5:00 AM	8.56	3/23/2016 5:00 AM	8.11	3/24/2016 5:00 AM	
3/22/2016 5:15 AM	8.55	3/23/2016 5:15 AM	8.14	3/24/2016 5:15 AM	
3/22/2016 5:30 AM	8.60	3/23/2016 5:30 AM	8.11	3/24/2016 5:30 AM	8.35
3/22/2016 5:45 AM	8.54	3/23/2016 5:45 AM	8.08	3/24/2016 5:45 AM	
3/22/2016 6:00 AM	8.54	3/23/2016 6:00 AM	8.09	3/24/2016 6:00 AM	
3/22/2016 6:15 AM	8.53	3/23/2016 6:15 AM	8.10	3/24/2016 6:15 AM	
3/22/2016 6:30 AM	8.54	3/23/2016 6:30 AM	8.09	3/24/2016 6:30 AM	8.41
3/22/2016 6:45 AM	8.54	3/23/2016 6:45 AM	8.13	3/24/2016 6:45 AM	
3/22/2016 7:00 AM	8.54	3/23/2016 7:00 AM	8.17	3/24/2016 7:00 AM	
3/22/2016 7:15 AM	8.54	3/23/2016 7:15 AM	8.11	3/24/2016 7:15 AM	
3/22/2016 7:30 AM	8.55	3/23/2016 7:30 AM	8.07	3/24/2016 7:30 AM	
3/22/2016 7:45 AM	8.55	3/23/2016 7:45 AM	8.07	3/24/2016 7:45 AM	8.39
3/22/2016 8:00 AM	8.56	3/23/2016 8:00 AM	8.07	3/24/2016 8:00 AM	9.37
3/22/2016 8:15 AM	8.56	3/23/2016 8:15 AM	8.06	3/24/2016 8:15 AM	9.28
3/22/2016 8:30 AM	8.63	3/23/2016 8:30 AM	8.06	3/24/2016 8:30 AM	9.12
3/22/2016 8:45 AM	8.61	3/23/2016 8:45 AM	8.07	3/24/2016 8:45 AM	8.88
3/22/2016 9:00 AM	8.60	3/23/2016 9:00 AM	8.07	3/24/2016 9:00 AM	8.60
3/22/2016 9:15 AM	8.50	3/23/2016 9:15 AM	7.98	3/24/2016 9:15 AM	8.35
3/22/2016 9:30 AM	8.42	3/23/2016 9:30 AM	7.94	3/24/2016 9:30 AM	8.18
3/22/2016 9:45 AM	8.37	3/23/2016 9:45 AM	7.86	3/24/2016 9:45 AM	8.10
3/22/2016 10:00 AM	8.36	3/23/2016 10:00 AM	7.72	3/24/2016 10:00 AM	7.79
3/22/2016 10:15 AM	8.31	3/23/2016 10:15 AM	7.69	3/24/2016 10:15 AM	7.50
3/22/2016 10:30 AM	8.33	3/23/2016 10:30 AM	7.50	3/24/2016 10:30 AM	7.42
3/22/2016 10:45 AM	8.32	3/23/2016 10:45 AM	7.25	3/24/2016 10:45 AM	7.27
3/22/2016 11:00 AM	8.30	3/23/2016 11:00 AM	7.08	3/24/2016 11:00 AM	7.15
3/22/2016 11:15 AM	8.36	3/23/2016 11:15 AM	6.88	3/24/2016 11:15 AM	7.27
3/22/2016 11:30 AM	8.34	3/23/2016 11:30 AM	6.86	3/24/2016 11:30 AM	7.29
3/22/2016 11:45 AM	8.28	3/23/2016 11:45 AM	6.76	3/24/2016 11:45 AM	7.37
3/22/2016 12:00 PM	8.25	3/23/2016 12:00 PM	6.74	3/24/2016 12:00 PM	7.38
3/22/2016 12:15 PM	8.17	3/23/2016 12:15 PM	6.67	3/24/2016 12:15 PM	7.50
3/22/2016 12:30 PM	8.14	3/23/2016 12:30 PM	6.60	3/24/2016 12:30 PM	7.58
3/22/2016 12:45 PM	7.90	3/23/2016 12:45 PM	6.28	3/24/2016 12:45 PM	7.61
3/22/2016 1:00 PM	7.96	3/23/2016 1:00 PM	6.34	3/24/2016 1:00 PM	7.61
3/22/2016 1:15 PM	8.07	3/23/2016 1:15 PM	7.92	3/24/2016 1:15 PM	7.55
3/22/2016 1:30 PM	8.04	3/23/2016 1:30 PM	7.88	3/24/2016 1:30 PM	7.55
3/22/2016 1:45 PM	8.00	3/23/2016 1:45 PM	7.84	3/24/2016 1:45 PM	7.57
3/22/2016 2:00 PM	7.89	3/23/2016 2:00 PM	7.73	3/24/2016 2:00 PM	7.60

3/22/2016 2:15 PM	7.75	3/23/2016 2:15 PM	7.79	3/24/2016 2:15 PM	7.60
3/22/2016 2:30 PM	7.72	3/23/2016 2:30 PM	7.85	3/24/2016 2:30 PM	7.60
3/22/2016 2:45 PM	7.73	3/23/2016 2:45 PM	7.99	3/24/2016 2:45 PM	7.66
3/22/2016 3:00 PM	7.76	3/23/2016 3:00 PM	7.91	3/24/2016 3:00 PM	7.69
3/22/2016 3:15 PM	8.10	3/23/2016 3:15 PM	8.28	3/24/2016 3:15 PM	7.92
3/22/2016 3:30 PM	8.22	3/23/2016 3:30 PM	8.68	3/24/2016 3:30 PM	8.09
3/22/2016 3:45 PM	8.43	3/23/2016 3:45 PM	8.72	3/24/2016 3:45 PM	8.12
3/22/2016 4:00 PM	8.65	3/23/2016 4:00 PM	8.53	3/24/2016 4:00 PM	8.14
3/22/2016 4:15 PM	8.74	3/23/2016 4:15 PM	8.26	3/24/2016 4:15 PM	8.19
3/22/2016 4:30 PM	8.46	3/23/2016 4:30 PM	8.14	3/24/2016 4:30 PM	8.24
3/22/2016 4:45 PM	8.37	3/23/2016 4:45 PM	8.04	3/24/2016 4:45 PM	8.27
3/22/2016 5:00 PM	8.36	3/23/2016 5:00 PM	7.92	3/24/2016 5:00 PM	8.28
3/22/2016 5:15 PM	8.27	3/23/2016 5:15 PM	7.82	3/24/2016 5:15 PM	8.28
3/22/2016 5:30 PM	8.12	3/23/2016 5:30 PM	7.69	3/24/2016 5:30 PM	8.22
3/22/2016 5:45 PM	7.95	3/23/2016 5:45 PM	7.79	3/24/2016 5:45 PM	8.26
3/22/2016 6:00 PM	7.92	3/23/2016 6:00 PM	7.80	3/24/2016 6:00 PM	8.26
3/22/2016 6:15 PM	7.90	3/23/2016 6:15 PM	7.85	3/24/2016 6:15 PM	8.29
3/22/2016 6:30 PM	7.96	3/23/2016 6:30 PM	7.96	3/24/2016 6:30 PM	8.30
3/22/2016 6:45 PM	7.98	3/23/2016 6:45 PM	8.06	3/24/2016 6:45 PM	8.37
3/22/2016 7:00 PM	8.00	3/23/2016 7:00 PM	8.15	3/24/2016 7:00 PM	8.45
3/22/2016 7:15 PM	8.02	3/23/2016 7:15 PM	8.31	3/24/2016 7:15 PM	8.49
3/22/2016 7:30 PM	8.03	3/23/2016 7:30 PM	8.45	3/24/2016 7:30 PM	8.54
3/22/2016 7:45 PM	8.05	3/23/2016 7:45 PM	8.58	3/24/2016 7:45 PM	8.59
3/22/2016 8:00 PM	8.06	3/23/2016 8:00 PM	8.55	3/24/2016 8:00 PM	8.56
3/22/2016 8:15 PM	8.08	3/23/2016 8:15 PM	8.57	3/24/2016 8:15 PM	8.60
3/22/2016 8:30 PM	8.09	3/23/2016 8:30 PM	8.65	3/24/2016 8:30 PM	8.61
3/22/2016 8:45 PM	8.08	3/23/2016 8:45 PM	8.78	3/24/2016 8:45 PM	8.61
3/22/2016 9:00 PM	8.09	3/23/2016 9:00 PM	8.83	3/24/2016 9:00 PM	8.61
3/22/2016 9:15 PM	8.11	3/23/2016 9:15 PM	8.86	3/24/2016 9:15 PM	8.68
3/22/2016 9:30 PM	8.12	3/23/2016 9:30 PM	8.85	3/24/2016 9:30 PM	8.67
3/22/2016 9:45 PM	8.15	3/23/2016 9:45 PM	8.86	3/24/2016 9:45 PM	8.68
3/22/2016 10:00 PM	8.14	3/23/2016 10:00 PM	8.66	3/24/2016 10:00 PM	8.65
3/22/2016 10:15 PM	8.27	3/23/2016 10:15 PM	8.68	3/24/2016 10:15 PM	8.66
3/22/2016 10:30 PM	8.24	3/23/2016 10:30 PM	8.82	3/24/2016 10:30 PM	8.63
3/22/2016 10:45 PM	8.26	3/23/2016 10:45 PM	8.89	3/24/2016 10:45 PM	8.63
3/22/2016 11:00 PM	8.26	3/23/2016 11:00 PM	8.94	3/24/2016 11:00 PM	8.62
3/22/2016 11:15 PM	8.24	3/23/2016 11:15 PM	8.99	3/24/2016 11:15 PM	8.61
3/22/2016 11:30 PM	8.23	3/23/2016 11:30 PM	9.04	3/24/2016 11:30 PM	8.61
3/22/2016 11:45 PM	8.20	3/23/2016 11:45 PM	9.05	3/24/2016 11:45 PM	8.62

AVG

8.31

AVG

8.04

AVG

8.13

Note: pH inconsistencies were due to a failure of the effluent pH probe, not included in calculations. All discharge pumps to the river disabled until pH returned to acceptable discharge range.

Note: pH inconsistencies were due to a failure of the effluent pH probe, not included in calculations. All discharge pumps to the river disabled until pH returned to acceptable discharge range.

Note: pH values were taken manually during pH probe failure.

Date And Time	pH	Date And Time	pH	Date And Time	pH
3/25/2016 12:00 AM	8.64	3/26/2016 12:00 AM	8.54	3/27/2016 12:00 AM	8.42
3/25/2016 12:15 AM	8.64	3/26/2016 12:15 AM	8.56	3/27/2016 12:15 AM	8.41
3/25/2016 12:30 AM	8.65	3/26/2016 12:30 AM	8.59	3/27/2016 12:30 AM	8.39
3/25/2016 12:45 AM	8.65	3/26/2016 12:45 AM	8.61	3/27/2016 12:45 AM	8.39
3/25/2016 1:00 AM	8.67	3/26/2016 1:00 AM	8.61	3/27/2016 1:00 AM	8.39
3/25/2016 1:15 AM	8.67	3/26/2016 1:15 AM	8.61	3/27/2016 1:15 AM	8.39
3/25/2016 1:30 AM	8.68	3/26/2016 1:30 AM	8.60	3/27/2016 1:30 AM	8.40
3/25/2016 1:45 AM	8.69	3/26/2016 1:45 AM	8.60	3/27/2016 1:45 AM	8.40
3/25/2016 2:00 AM	8.69	3/26/2016 2:00 AM	8.73	3/27/2016 2:00 AM	8.41
3/25/2016 2:15 AM	8.70	3/26/2016 2:15 AM	8.74	3/27/2016 2:15 AM	8.41
3/25/2016 2:30 AM	8.70	3/26/2016 2:30 AM	8.74	3/27/2016 2:30 AM	8.42
3/25/2016 2:45 AM	8.70	3/26/2016 2:45 AM	8.75	3/27/2016 2:45 AM	8.43
3/25/2016 3:00 AM	8.72	3/26/2016 3:00 AM	8.75	3/27/2016 3:00 AM	8.44
3/25/2016 3:15 AM	8.72	3/26/2016 3:15 AM	8.73	3/27/2016 3:15 AM	8.46
3/25/2016 3:30 AM	8.73	3/26/2016 3:30 AM	8.72	3/27/2016 3:30 AM	8.47
3/25/2016 3:45 AM	8.73	3/26/2016 3:45 AM	8.73	3/27/2016 3:45 AM	8.48
3/25/2016 4:00 AM	8.72	3/26/2016 4:00 AM	8.73	3/27/2016 4:00 AM	8.48
3/25/2016 4:15 AM	8.72	3/26/2016 4:15 AM	8.73	3/27/2016 4:15 AM	8.48
3/25/2016 4:30 AM	8.73	3/26/2016 4:30 AM	8.74	3/27/2016 4:30 AM	8.49
3/25/2016 4:45 AM	8.74	3/26/2016 4:45 AM	8.67	3/27/2016 4:45 AM	8.50
3/25/2016 5:00 AM	8.75	3/26/2016 5:00 AM	8.75	3/27/2016 5:00 AM	8.50
3/25/2016 5:15 AM	8.75	3/26/2016 5:15 AM	8.75	3/27/2016 5:15 AM	8.84
3/25/2016 5:30 AM	8.82	3/26/2016 5:30 AM	8.78	3/27/2016 5:30 AM	8.83
3/25/2016 5:45 AM	8.82	3/26/2016 5:45 AM	8.79	3/27/2016 5:45 AM	8.82
3/25/2016 6:00 AM	8.85	3/26/2016 6:00 AM	8.77	3/27/2016 6:00 AM	8.82
3/25/2016 6:15 AM	8.87	3/26/2016 6:15 AM	8.83	3/27/2016 6:15 AM	8.81
3/25/2016 6:30 AM	8.94	3/26/2016 6:30 AM	8.82	3/27/2016 6:30 AM	8.79
3/25/2016 6:45 AM	8.90	3/26/2016 6:45 AM	8.82	3/27/2016 6:45 AM	8.78
3/25/2016 7:00 AM	8.86	3/26/2016 7:00 AM	8.82	3/27/2016 7:00 AM	8.78
3/25/2016 7:15 AM	8.84	3/26/2016 7:15 AM	8.86	3/27/2016 7:15 AM	8.73
3/25/2016 7:30 AM	8.86	3/26/2016 7:30 AM	8.87	3/27/2016 7:30 AM	8.73
3/25/2016 7:45 AM	8.86	3/26/2016 7:45 AM	8.83	3/27/2016 7:45 AM	8.72
3/25/2016 8:00 AM	8.84	3/26/2016 8:00 AM	8.73	3/27/2016 8:00 AM	8.70
3/25/2016 8:15 AM	8.84	3/26/2016 8:15 AM	8.62	3/27/2016 8:15 AM	8.67
3/25/2016 8:30 AM	8.83	3/26/2016 8:30 AM	8.54	3/27/2016 8:30 AM	8.64
3/25/2016 8:45 AM	8.80	3/26/2016 8:45 AM	8.50	3/27/2016 8:45 AM	8.61
3/25/2016 9:00 AM	8.77	3/26/2016 9:00 AM	8.48	3/27/2016 9:00 AM	8.56
3/25/2016 9:15 AM	8.73	3/26/2016 9:15 AM	8.45	3/27/2016 9:15 AM	8.53
3/25/2016 9:30 AM	8.75	3/26/2016 9:30 AM	8.31	3/27/2016 9:30 AM	8.48
3/25/2016 9:45 AM	8.93	3/26/2016 9:45 AM	8.28	3/27/2016 9:45 AM	8.42
3/25/2016 10:00 AM	8.96	3/26/2016 10:00 AM	8.20	3/27/2016 10:00 AM	8.49
3/25/2016 10:15 AM	8.97	3/26/2016 10:15 AM	8.11	3/27/2016 10:15 AM	8.39
3/25/2016 10:30 AM	8.86	3/26/2016 10:30 AM	8.00	3/27/2016 10:30 AM	8.26
3/25/2016 10:45 AM	8.79	3/26/2016 10:45 AM	7.92	3/27/2016 10:45 AM	8.11
3/25/2016 11:00 AM	8.73	3/26/2016 11:00 AM	7.78	3/27/2016 11:00 AM	8.07
3/25/2016 11:15 AM	8.70	3/26/2016 11:15 AM	7.76	3/27/2016 11:15 AM	8.05
3/25/2016 11:30 AM	8.54	3/26/2016 11:30 AM	7.74	3/27/2016 11:30 AM	8.01
3/25/2016 11:45 AM	8.27	3/26/2016 11:45 AM	7.68	3/27/2016 11:45 AM	8.00
3/25/2016 12:00 PM	8.08	3/26/2016 12:00 PM	7.59	3/27/2016 12:00 PM	7.91
3/25/2016 12:15 PM	8.10	3/26/2016 12:15 PM	7.57	3/27/2016 12:15 PM	7.81
3/25/2016 12:30 PM	8.30	3/26/2016 12:30 PM	7.55	3/27/2016 12:30 PM	7.85
3/25/2016 12:45 PM	8.14	3/26/2016 12:45 PM	7.47	3/27/2016 12:45 PM	7.91
3/25/2016 1:00 PM	8.26	3/26/2016 1:00 PM	7.43	3/27/2016 1:00 PM	7.95
3/25/2016 1:15 PM	8.50	3/26/2016 1:15 PM	7.40	3/27/2016 1:15 PM	7.94
3/25/2016 1:30 PM	8.46	3/26/2016 1:30 PM	7.39	3/27/2016 1:30 PM	7.88
3/25/2016 1:45 PM	8.44	3/26/2016 1:45 PM	7.51	3/27/2016 1:45 PM	7.99
3/25/2016 2:00 PM	8.26	3/26/2016 2:00 PM	7.49	3/27/2016 2:00 PM	7.94

3/25/2016 2:15 PM	8.31	3/26/2016 2:15 PM	7.48	3/27/2016 2:15 PM	7.93
3/25/2016 2:30 PM	8.37	3/26/2016 2:30 PM	7.55	3/27/2016 2:30 PM	8.00
3/25/2016 2:45 PM	8.38	3/26/2016 2:45 PM	7.57	3/27/2016 2:45 PM	8.07
3/25/2016 3:00 PM	8.33	3/26/2016 3:00 PM	7.55	3/27/2016 3:00 PM	8.13
3/25/2016 3:15 PM	8.38	3/26/2016 3:15 PM	7.72	3/27/2016 3:15 PM	8.17
3/25/2016 3:30 PM	8.46	3/26/2016 3:30 PM	7.81	3/27/2016 3:30 PM	8.21
3/25/2016 3:45 PM	8.64	3/26/2016 3:45 PM	7.82	3/27/2016 3:45 PM	8.20
3/25/2016 4:00 PM	8.56	3/26/2016 4:00 PM	7.84	3/27/2016 4:00 PM	8.22
3/25/2016 4:15 PM	8.59	3/26/2016 4:15 PM	7.86	3/27/2016 4:15 PM	8.23
3/25/2016 4:30 PM	8.50	3/26/2016 4:30 PM	7.89	3/27/2016 4:30 PM	8.24
3/25/2016 4:45 PM	8.51	3/26/2016 4:45 PM	7.88	3/27/2016 4:45 PM	8.24
3/25/2016 5:00 PM	8.55	3/26/2016 5:00 PM	7.86	3/27/2016 5:00 PM	8.24
3/25/2016 5:15 PM	8.59	3/26/2016 5:15 PM	7.85	3/27/2016 5:15 PM	8.22
3/25/2016 5:30 PM	8.69	3/26/2016 5:30 PM	7.88	3/27/2016 5:30 PM	8.22
3/25/2016 5:45 PM	8.65	3/26/2016 5:45 PM	7.94	3/27/2016 5:45 PM	8.21
3/25/2016 6:00 PM	8.61	3/26/2016 6:00 PM	7.93	3/27/2016 6:00 PM	8.23
3/25/2016 6:15 PM	8.64	3/26/2016 6:15 PM	7.97	3/27/2016 6:15 PM	8.25
3/25/2016 6:30 PM	8.65	3/26/2016 6:30 PM	8.02	3/27/2016 6:30 PM	8.24
3/25/2016 6:45 PM	8.65	3/26/2016 6:45 PM	8.04	3/27/2016 6:45 PM	8.28
3/25/2016 7:00 PM	8.70	3/26/2016 7:00 PM	8.07	3/27/2016 7:00 PM	8.31
3/25/2016 7:15 PM	8.78	3/26/2016 7:15 PM	8.11	3/27/2016 7:15 PM	8.31
3/25/2016 7:30 PM	8.85	3/26/2016 7:30 PM	8.13	3/27/2016 7:30 PM	8.31
3/25/2016 7:45 PM	8.91	3/26/2016 7:45 PM	8.15	3/27/2016 7:45 PM	8.30
3/25/2016 8:00 PM	8.97	3/26/2016 8:00 PM	8.16	3/27/2016 8:00 PM	8.31
3/25/2016 8:15 PM	9.02	3/26/2016 8:15 PM	8.19	3/27/2016 8:15 PM	8.32
3/25/2016 8:30 PM	9.08	3/26/2016 8:30 PM	8.20	3/27/2016 8:30 PM	8.32
3/25/2016 8:45 PM	9.12	3/26/2016 8:45 PM	8.24	3/27/2016 8:45 PM	8.32
3/25/2016 9:00 PM	9.19	3/26/2016 9:00 PM	8.23	3/27/2016 9:00 PM	8.32
3/25/2016 9:15 PM	9.26	3/26/2016 9:15 PM	8.24	3/27/2016 9:15 PM	8.32
3/25/2016 9:30 PM	9.33	3/26/2016 9:30 PM	8.27	3/27/2016 9:30 PM	8.31
3/25/2016 9:45 PM	14.96	3/26/2016 9:45 PM	8.31	3/27/2016 9:45 PM	8.32
3/25/2016 10:00 PM	8.52	3/26/2016 10:00 PM	8.34	3/27/2016 10:00 PM	8.32
3/25/2016 10:15 PM	8.49	3/26/2016 10:15 PM	8.36	3/27/2016 10:15 PM	8.32
3/25/2016 10:30 PM	8.52	3/26/2016 10:30 PM	8.38	3/27/2016 10:30 PM	8.31
3/25/2016 10:45 PM	8.53	3/26/2016 10:45 PM	8.40	3/27/2016 10:45 PM	8.31
3/25/2016 11:00 PM	8.52	3/26/2016 11:00 PM	8.40	3/27/2016 11:00 PM	8.29
3/25/2016 11:15 PM	8.52	3/26/2016 11:15 PM	8.41	3/27/2016 11:15 PM	8.29
3/25/2016 11:30 PM	8.54	3/26/2016 11:30 PM	8.41	3/27/2016 11:30 PM	8.28
3/25/2016 11:45 PM	8.56	3/26/2016 11:45 PM	8.41	3/27/2016 11:45 PM	8.28

AVG

8.64

AVG

8.25

AVG

8.34

Note: pH inconsistencies were due to a failure of the effluent pH probe, not included in calculations. All discharge pumps to the river disabled until pH returned to acceptable discharge range.

Date And Time	pH	Date And Time	pH	Date And Time	pH
3/28/2016 12:00 AM	8.28	3/29/2016 12:00 AM	8.12	3/30/2016 12:00 AM	8.64
3/28/2016 12:15 AM	8.29	3/29/2016 12:15 AM	8.12	3/30/2016 12:15 AM	8.66
3/28/2016 12:30 AM	8.29	3/29/2016 12:30 AM	8.13	3/30/2016 12:30 AM	8.65
3/28/2016 12:45 AM	8.28	3/29/2016 12:45 AM	8.14	3/30/2016 12:45 AM	8.66
3/28/2016 1:00 AM	8.27	3/29/2016 1:00 AM	8.14	3/30/2016 1:00 AM	8.66
3/28/2016 1:15 AM	8.27	3/29/2016 1:15 AM	8.18	3/30/2016 1:15 AM	8.68
3/28/2016 1:30 AM	8.26	3/29/2016 1:30 AM	8.19	3/30/2016 1:30 AM	8.67
3/28/2016 1:45 AM	8.25	3/29/2016 1:45 AM	8.20	3/30/2016 1:45 AM	8.67
3/28/2016 2:00 AM	8.25	3/29/2016 2:00 AM	8.19	3/30/2016 2:00 AM	8.68
3/28/2016 2:15 AM	8.26	3/29/2016 2:15 AM	8.23	3/30/2016 2:15 AM	8.69
3/28/2016 2:30 AM	8.27	3/29/2016 2:30 AM	8.23	3/30/2016 2:30 AM	8.69
3/28/2016 2:45 AM	8.26	3/29/2016 2:45 AM	8.23	3/30/2016 2:45 AM	8.69
3/28/2016 3:00 AM	8.27	3/29/2016 3:00 AM	8.22	3/30/2016 3:00 AM	8.71
3/28/2016 3:15 AM	8.25	3/29/2016 3:15 AM	8.22	3/30/2016 3:15 AM	8.70
3/28/2016 3:30 AM	8.24	3/29/2016 3:30 AM	8.22	3/30/2016 3:30 AM	8.70
3/28/2016 3:45 AM	8.23	3/29/2016 3:45 AM	8.22	3/30/2016 3:45 AM	8.70
3/28/2016 4:00 AM	8.23	3/29/2016 4:00 AM	8.22	3/30/2016 4:00 AM	8.71
3/28/2016 4:15 AM	8.22	3/29/2016 4:15 AM	8.22	3/30/2016 4:15 AM	8.70
3/28/2016 4:30 AM	8.23	3/29/2016 4:30 AM	8.20	3/30/2016 4:30 AM	8.70
3/28/2016 4:45 AM	8.23	3/29/2016 4:45 AM	8.20	3/30/2016 4:45 AM	8.70
3/28/2016 5:00 AM	8.23	3/29/2016 5:00 AM	8.20	3/30/2016 5:00 AM	8.66
3/28/2016 5:15 AM	8.21	3/29/2016 5:15 AM	8.17	3/30/2016 5:15 AM	8.68
3/28/2016 5:30 AM	8.20	3/29/2016 5:30 AM	8.16	3/30/2016 5:30 AM	8.66
3/28/2016 5:45 AM	8.19	3/29/2016 5:45 AM	8.14	3/30/2016 5:45 AM	8.65
3/28/2016 6:00 AM	8.18	3/29/2016 6:00 AM	8.14	3/30/2016 6:00 AM	8.67
3/28/2016 6:15 AM	8.17	3/29/2016 6:15 AM	8.13	3/30/2016 6:15 AM	8.59
3/28/2016 6:30 AM	8.17	3/29/2016 6:30 AM	8.13	3/30/2016 6:30 AM	8.60
3/28/2016 6:45 AM	8.17	3/29/2016 6:45 AM	8.13	3/30/2016 6:45 AM	8.60
3/28/2016 7:00 AM	8.15	3/29/2016 7:00 AM	8.13	3/30/2016 7:00 AM	8.57
3/28/2016 7:15 AM	8.14	3/29/2016 7:15 AM	8.12	3/30/2016 7:15 AM	8.55
3/28/2016 7:30 AM	8.13	3/29/2016 7:30 AM	8.08	3/30/2016 7:30 AM	8.51
3/28/2016 7:45 AM	8.11	3/29/2016 7:45 AM	8.07	3/30/2016 7:45 AM	8.45
3/28/2016 8:00 AM	8.08	3/29/2016 8:00 AM	8.07	3/30/2016 8:00 AM	8.41
3/28/2016 8:15 AM	7.98	3/29/2016 8:15 AM	8.02	3/30/2016 8:15 AM	8.33
3/28/2016 8:30 AM	7.92	3/29/2016 8:30 AM	7.92	3/30/2016 8:30 AM	8.26
3/28/2016 8:45 AM	7.78	3/29/2016 8:45 AM	7.75	3/30/2016 8:45 AM	8.17
3/28/2016 9:00 AM	7.69	3/29/2016 9:00 AM	7.81	3/30/2016 9:00 AM	8.10
3/28/2016 9:15 AM	7.69	3/29/2016 9:15 AM	7.88	3/30/2016 9:15 AM	8.00
3/28/2016 9:30 AM	7.69	3/29/2016 9:30 AM	7.85	3/30/2016 9:30 AM	7.90
3/28/2016 9:45 AM	7.58	3/29/2016 9:45 AM	7.59	3/30/2016 9:45 AM	7.77
3/28/2016 10:00 AM	7.37	3/29/2016 10:00 AM	7.59	3/30/2016 10:00 AM	7.70
3/28/2016 10:15 AM	7.08	3/29/2016 10:15 AM	7.62	3/30/2016 10:15 AM	7.61
3/28/2016 10:30 AM	6.81	3/29/2016 10:30 AM	7.63	3/30/2016 10:30 AM	7.48
3/28/2016 10:45 AM	6.86	3/29/2016 10:45 AM	7.58	3/30/2016 10:45 AM	7.40
3/28/2016 11:00 AM	6.81	3/29/2016 11:00 AM	7.49	3/30/2016 11:00 AM	7.38
3/28/2016 11:15 AM	6.73	3/29/2016 11:15 AM	7.53	3/30/2016 11:15 AM	7.33
3/28/2016 11:30 AM	6.82	3/29/2016 11:30 AM	7.46	3/30/2016 11:30 AM	7.77
3/28/2016 11:45 AM	6.99	3/29/2016 11:45 AM	7.39	3/30/2016 11:45 AM	7.69
3/28/2016 12:00 PM	7.15	3/29/2016 12:00 PM	7.36	3/30/2016 12:00 PM	7.57
3/28/2016 12:15 PM	6.88	3/29/2016 12:15 PM	7.28	3/30/2016 12:15 PM	7.48
3/28/2016 12:30 PM	6.78	3/29/2016 12:30 PM	7.32	3/30/2016 12:30 PM	7.39
3/28/2016 12:45 PM	7.77	3/29/2016 12:45 PM	7.28	3/30/2016 12:45 PM	7.35
3/28/2016 1:00 PM	7.69	3/29/2016 1:00 PM	7.20	3/30/2016 1:00 PM	7.30
3/28/2016 1:15 PM	7.60	3/29/2016 1:15 PM	7.20	3/30/2016 1:15 PM	7.29
3/28/2016 1:30 PM	7.54	3/29/2016 1:30 PM	7.21	3/30/2016 1:30 PM	7.28
3/28/2016 1:45 PM	7.51	3/29/2016 1:45 PM	7.17	3/30/2016 1:45 PM	7.34
3/28/2016 2:00 PM	7.44	3/29/2016 2:00 PM	7.15	3/30/2016 2:00 PM	7.28

3/28/2016 2:15 PM	7.48	3/29/2016 2:15 PM	8.06	3/30/2016 2:15 PM	7.24
3/28/2016 2:30 PM	7.47	3/29/2016 2:30 PM	8.09	3/30/2016 2:30 PM	7.23
3/28/2016 2:45 PM	7.45	3/29/2016 2:45 PM	8.03	3/30/2016 2:45 PM	7.21
3/28/2016 3:00 PM	7.55	3/29/2016 3:00 PM	7.98	3/30/2016 3:00 PM	7.28
3/28/2016 3:15 PM	7.78	3/29/2016 3:15 PM	8.10	3/30/2016 3:15 PM	7.48
3/28/2016 3:30 PM	8.00	3/29/2016 3:30 PM	8.17	3/30/2016 3:30 PM	7.60
3/28/2016 3:45 PM	8.01	3/29/2016 3:45 PM	8.14	3/30/2016 3:45 PM	7.57
3/28/2016 4:00 PM	8.01	3/29/2016 4:00 PM	8.20	3/30/2016 4:00 PM	7.60
3/28/2016 4:15 PM	8.00	3/29/2016 4:15 PM	8.19	3/30/2016 4:15 PM	7.64
3/28/2016 4:30 PM	7.97	3/29/2016 4:30 PM	8.19	3/30/2016 4:30 PM	7.67
3/28/2016 4:45 PM	7.95	3/29/2016 4:45 PM	8.18	3/30/2016 4:45 PM	7.69
3/28/2016 5:00 PM	7.95	3/29/2016 5:00 PM	8.16	3/30/2016 5:00 PM	7.71
3/28/2016 5:15 PM	7.94	3/29/2016 5:15 PM	8.16	3/30/2016 5:15 PM	7.75
3/28/2016 5:30 PM	7.96	3/29/2016 5:30 PM	8.15	3/30/2016 5:30 PM	7.78
3/28/2016 5:45 PM	7.99	3/29/2016 5:45 PM	8.16	3/30/2016 5:45 PM	7.78
3/28/2016 6:00 PM	7.98	3/29/2016 6:00 PM	8.14	3/30/2016 6:00 PM	7.80
3/28/2016 6:15 PM	8.00	3/29/2016 6:15 PM	8.16	3/30/2016 6:15 PM	7.82
3/28/2016 6:30 PM	7.99	3/29/2016 6:30 PM	8.12	3/30/2016 6:30 PM	7.82
3/28/2016 6:45 PM	8.04	3/29/2016 6:45 PM	8.13	3/30/2016 6:45 PM	7.84
3/28/2016 7:00 PM	8.12	3/29/2016 7:00 PM	8.19	3/30/2016 7:00 PM	7.83
3/28/2016 7:15 PM	8.17	3/29/2016 7:15 PM	8.25	3/30/2016 7:15 PM	7.88
3/28/2016 7:30 PM	8.17	3/29/2016 7:30 PM	8.27	3/30/2016 7:30 PM	7.94
3/28/2016 7:45 PM	8.19	3/29/2016 7:45 PM	8.27	3/30/2016 7:45 PM	7.95
3/28/2016 8:00 PM	8.20	3/29/2016 8:00 PM	8.29	3/30/2016 8:00 PM	7.96
3/28/2016 8:15 PM	8.22	3/29/2016 8:15 PM	8.32	3/30/2016 8:15 PM	7.95
3/28/2016 8:30 PM	8.19	3/29/2016 8:30 PM	8.35	3/30/2016 8:30 PM	7.95
3/28/2016 8:45 PM	8.19	3/29/2016 8:45 PM	8.35	3/30/2016 8:45 PM	7.95
3/28/2016 9:00 PM	8.17	3/29/2016 9:00 PM	8.38	3/30/2016 9:00 PM	7.93
3/28/2016 9:15 PM	8.15	3/29/2016 9:15 PM	8.41	3/30/2016 9:15 PM	7.91
3/28/2016 9:30 PM	8.13	3/29/2016 9:30 PM	8.42	3/30/2016 9:30 PM	7.90
3/28/2016 9:45 PM	8.12	3/29/2016 9:45 PM	8.43	3/30/2016 9:45 PM	7.90
3/28/2016 10:00 PM	8.12	3/29/2016 10:00 PM	8.45	3/30/2016 10:00 PM	7.89
3/28/2016 10:15 PM	8.13	3/29/2016 10:15 PM	8.44	3/30/2016 10:15 PM	7.89
3/28/2016 10:30 PM	8.11	3/29/2016 10:30 PM	8.43	3/30/2016 10:30 PM	7.88
3/28/2016 10:45 PM	8.12	3/29/2016 10:45 PM	8.64	3/30/2016 10:45 PM	7.88
3/28/2016 11:00 PM	8.13	3/29/2016 11:00 PM	8.64	3/30/2016 11:00 PM	7.88
3/28/2016 11:15 PM	8.13	3/29/2016 11:15 PM	8.64	3/30/2016 11:15 PM	7.87
3/28/2016 11:30 PM	8.13	3/29/2016 11:30 PM	8.64	3/30/2016 11:30 PM	7.87
3/28/2016 11:45 PM	8.13	3/29/2016 11:45 PM	8.64	3/30/2016 11:45 PM	8.20

AVG 7.92 AVG 8.05 AVG 8.04

Date And Time	pH
3/31/2016 12:00 AM	8.15
3/31/2016 12:15 AM	8.13
3/31/2016 12:30 AM	8.13
3/31/2016 12:45 AM	8.13
3/31/2016 1:00 AM	8.14
3/31/2016 1:15 AM	8.15
3/31/2016 1:30 AM	8.15
3/31/2016 1:45 AM	8.13
3/31/2016 2:00 AM	8.10
3/31/2016 2:15 AM	8.03
3/31/2016 2:30 AM	8.05
3/31/2016 2:45 AM	8.08
3/31/2016 3:00 AM	8.08
3/31/2016 3:15 AM	8.09
3/31/2016 3:30 AM	8.07

MIN	6.28
MAX	8.99

3/31/2016 3:45 AM	8.08
3/31/2016 4:00 AM	8.07
3/31/2016 4:15 AM	8.06
3/31/2016 4:30 AM	8.07
3/31/2016 4:45 AM	8.05
3/31/2016 5:00 AM	8.05
3/31/2016 5:15 AM	8.04
3/31/2016 5:30 AM	8.03
3/31/2016 5:45 AM	8.02
3/31/2016 6:00 AM	8.01
3/31/2016 6:15 AM	8.00
3/31/2016 6:30 AM	7.99
3/31/2016 6:45 AM	7.99
3/31/2016 7:00 AM	7.98
3/31/2016 7:15 AM	7.95
3/31/2016 7:30 AM	7.95
3/31/2016 7:45 AM	7.89
3/31/2016 8:00 AM	7.81
3/31/2016 8:15 AM	7.71
3/31/2016 8:30 AM	7.57
3/31/2016 8:45 AM	7.43
3/31/2016 9:00 AM	7.95
3/31/2016 9:15 AM	7.85
3/31/2016 9:30 AM	7.73
3/31/2016 9:45 AM	7.66
3/31/2016 10:00 AM	7.62
3/31/2016 10:15 AM	7.53
3/31/2016 10:30 AM	7.42
3/31/2016 10:45 AM	7.38
3/31/2016 11:00 AM	7.30
3/31/2016 11:15 AM	7.22
3/31/2016 11:30 AM	7.18
3/31/2016 11:45 AM	7.16
3/31/2016 12:00 PM	7.16
3/31/2016 12:15 PM	7.11
3/31/2016 12:30 PM	7.12
3/31/2016 12:45 PM	7.15
3/31/2016 1:00 PM	7.08
3/31/2016 1:15 PM	7.11
3/31/2016 1:30 PM	7.17
3/31/2016 1:45 PM	7.17
3/31/2016 2:00 PM	7.23
3/31/2016 2:15 PM	7.31
3/31/2016 2:30 PM	7.22
3/31/2016 2:45 PM	7.10
3/31/2016 3:00 PM	6.98
3/31/2016 3:15 PM	7.00
3/31/2016 3:30 PM	7.04
3/31/2016 3:45 PM	7.10
3/31/2016 4:00 PM	7.17
3/31/2016 4:15 PM	7.18
3/31/2016 4:30 PM	7.21
3/31/2016 4:45 PM	7.21
3/31/2016 5:00 PM	7.24
3/31/2016 5:15 PM	7.28
3/31/2016 5:30 PM	7.27
3/31/2016 5:45 PM	7.50
3/31/2016 6:00 PM	7.40

3/31/2016 6:15 PM	7.34
3/31/2016 6:30 PM	7.30
3/31/2016 6:45 PM	7.29
3/31/2016 7:00 PM	7.30
3/31/2016 7:15 PM	7.32
3/31/2016 7:30 PM	7.33
3/31/2016 7:45 PM	7.34
3/31/2016 8:00 PM	7.35
3/31/2016 8:15 PM	7.34
3/31/2016 8:30 PM	7.34
3/31/2016 8:45 PM	7.34
3/31/2016 9:00 PM	7.38
3/31/2016 9:15 PM	7.40
3/31/2016 9:30 PM	7.45
3/31/2016 9:45 PM	7.46
3/31/2016 10:00 PM	7.45
3/31/2016 10:15 PM	7.41
3/31/2016 10:30 PM	7.39
3/31/2016 10:45 PM	7.40
3/31/2016 11:00 PM	7.42
3/31/2016 11:15 PM	7.42
3/31/2016 11:30 PM	7.43
3/31/2016 11:45 PM	7.43

AVG **7.58**

Avtex Fibers
Front Royal, VA
Outfall 004
March 2016 DMR

Sample Date	Sample ID	BOD, mg/L	BOD, kg/d	TSS, mg/L	TSS, kg/d
3/2/2016	AF3-2FE	4.0	0.65	11.0	1.78
3/9/2016	AF3-9FE	5.0	0.90	9.43	1.69
3/16/2016	AF3-16FE	4.0	0.75	9.8	1.84
3/23/2016	AF3-23FE	3.0	0.66	5.6	1.23
3/31/2016	AF3-31FE	2.0	0.55	1.50	0.41
Daily Maximum:		5.0	0.90	11.0	1.84
Monthly Avg:		3.6	0.70	7.5	1.39

Monthly Average – Compliance with the monthly average limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as it is reported. An arithmetic average shall be calculated using all reported data for the month, including the defined zeros. This arithmetic average shall be reported on the Discharge Monitoring Report (DMR) as calculated. If all data are below the QL used for the analysis, then the average shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported monthly average concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported concentration data (including the defined zeros) and flow data for each sample day to determine the daily quantity and report the monthly average of the calculated daily quantities.

Daily Maximum – Compliance with the daily maximum limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as reported. An arithmetic average shall be calculated using all reported data, including the defined zeros, collected within each day during the reporting month. The maximum value of these daily averages thus determined shall be reported on the DMR as the Daily Maximum. If all data are below the QL used for the analysis, then the maximum value of the daily averages shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported daily maximum concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported daily average concentrations (including the defined zeros) and corresponding daily flows to determine daily average quantities and report the maximum of the daily average quantities during the reporting month.

Loading Derivation
If 1 ppm (= 1 mg/L) and 1 MGD (= 1 MG/day)
--> (1 mg/L)(1 MG/day)(3.785 L/Gal)(10^6 Gal/MG)(1 lb/453,600 mg) = 8.34 lbs/day
--> lbs/day = ppm * 8.34 * MGD
--> kg/d = ppm * 8.34 * MGD * 0.4536*lb/d

Concentration Derivation
If 1 lb/d and 1 MGD (= 1 MG/day)
[(1 lbs/day)(453,600 mg/lb)] / [(1 MG/d)(10^6 Gal/MG)(3.785 L/Gal)]
--> ppm = lb/d * (1/8.34) * (1/MGD)

BOD
3/2/2016 0.647145483
3/9/2016 0.898358404
3/16/2016 0.749685117
3/23/2016 0.657934564
3/31/2016 0.547088695

AVG 0.700042453

TSS
3/2/2016 1.779650079
3/9/2016 1.694303949
3/16/2016 1.836728537
3/23/2016 1.22814452
3/31/2016 0.410316521

AVG 1.389828721

CS2*
3/16/2016 <QL

*Note: CS2 EPA Test Method: 8260 MSV Low Level Analytical Method (EPA 8260)

Report Limit 2 ug/L
MDL 1.2 ug/L

Table 3.1
Site Rainfall Data Avtex Fibers Superfund Site 1 January - March 31, 2016

Month	Average Rainfall for Winchester, VA (in)*	Average Site Rainfall 1990-2013 (in)	2006 Actual Rainfall (in)	2007 Actual Rainfall (in)	2008 Actual Rainfall (in)	2009 Actual Rainfall (in)	2010 Actual Rainfall (in)	2011 Actual Rainfall (in)	2012 Actual Rainfall (in)	2013 Actual Rainfall (in)	2014 Actual Rainfall (in)	2015 Actual Rainfall (in)	2016 Actual Rainfall (in)	Percent of Average Site Rainfall (%)
January	2.4	2.7	2.0	1.2	1.0	1.4	3.35	0.9	2.0	3.8	1.1	1.4	1.2	46%
February	2.5	2.3	1.7	1.9	2.3	0.0	4.35	1.4	2.3	0.9	3.2	0.7	2.2	95%
March	3.1	3.6	0.1	3.7	2.9	1.5	5.7	4.6	1.9	3.9	2.3	1.7	1.0	27%
April	3.1	3.2	2.8	3.4	6.2	3.2	1.59	6.5	2.5	1.3	1.5	2.9		0%
May	3.7	3.8	1.0	1.9	5.2	5.8	3.25	5.6	3.6	2.4	7.2	1.6		0%
June	3.9	4.4	9.7	3.5	4.3	4.6	0.6	4.0	3.6	5.2	1.5	3.9		0%
July	3.9	3.4	2.2	1.7	3.8	3.0	1.8	3.1	4.3	1.9	4.6	1.8		0%
August	3.5	3.1	1.3	2.8	3.5	2.1	3.3	3.4	5.2	2.6	3.7	1.0		0%
September	3.1	4.7	6.1	2.0	4.3	1.3	5.7	5.5	4.9	2.5	1.6	3.6		0%
October	3.2	3.0	4.3	4.1	1.2	2.7	0.65	3.9	4.3	5.1	5.17	1.65		0%
November	3.1	2.9	5.2	1.6	2.5	3.7	1.8	3.0	1.1	1.6	1.83	1.36		0%
December	2.5	2.6	0.7	2.8	1.4	5.0	2.0	3.6	1.55	1.5	3.02	2.46		0%
Totals to Date	37.9	39.6	36.9	30.4	38.5	34.2	34.1	45.2	37.0	32.8	36.7	24.1	4.4	11%

* Source: National Climate Data Center TD 9641 Clim 81

Table 3.2 Monthly Flow Totals
Avtex Site Lift Stations, Test Wells and Viscose Basin

January 2016									
Lift Stations Flow Report		Test Wells Flow Report			Viscose Basin Flow Report				
Date	Total LS Flow (MGD)	Date	TW1 Flow (MGD)	TW2 Flow (MGD)	TW3 Flow (MGD)	Date	VB9 Flow (MGD)	VB10 Flow (MGD)	VB 11 Flow (MGD)
1/1/2016	0.000	1/1/2016	0.064	0.042	0.000	1/1/2016	0.000	0.000	0.000
1/2/2016	0.000	1/2/2016	0.064	0.041	0.000	1/2/2016	0.000	0.000	0.000
1/3/2016	0.000	1/3/2016	0.031	0.019	0.000	1/3/2016	0.000	0.000	0.000
1/4/2016	0.008	1/4/2016	0.046	0.031	0.011	1/4/2016	0.000	0.000	0.000
1/5/2016	0.009	1/5/2016	0.059	0.038	0.011	1/5/2016	0.000	0.000	0.000
1/6/2016	0.000	1/6/2016	0.064	0.041	0.000	1/6/2016	0.000	0.000	0.000
1/7/2016	0.000	1/7/2016	0.064	0.040	0.000	1/7/2016	0.000	0.000	0.000
1/8/2016	0.008	1/8/2016	0.046	0.017	0.000	1/8/2016	0.000	0.000	0.000
1/9/2016	0.001	1/9/2016	0.059	0.017	0.000	1/9/2016	0.000	0.000	0.000
1/10/2016	0.009	1/10/2016	0.064	0.018	0.000	1/10/2016	0.000	0.000	0.000
1/11/2016	0.012	1/11/2016	0.064	0.021	0.000	1/11/2016	0.000	0.000	0.000
1/12/2016	0.007	1/12/2016	0.018	0.007	0.000	1/12/2016	0.000	0.000	0.000
1/13/2016	0.008	1/13/2016	0.046	0.000	0.000	1/13/2016	0.000	0.000	0.000
1/14/2016	0.032	1/14/2016	0.051	0.000	0.000	1/14/2016	0.000	0.000	0.000
1/15/2016	0.011	1/15/2016	0.023	0.000	0.000	1/15/2016	0.000	0.000	0.000
1/16/2016	0.015	1/16/2016	0.001	0.000	0.000	1/16/2016	0.000	0.000	0.000
1/17/2016	0.003	1/17/2016	0.041	0.000	0.000	1/17/2016	0.000	0.000	0.000
1/18/2016	0.003	1/18/2016	0.059	0.019	0.000	1/18/2016	0.000	0.000	0.000
1/19/2016	0.011	1/19/2016	0.064	0.023	0.000	1/19/2016	0.000	0.000	0.000
1/20/2016	0.010	1/20/2016	0.032	0.008	0.000	1/20/2016	0.000	0.000	0.000
1/21/2016	0.002	1/21/2016	0.034	0.000	0.000	1/21/2016	0.000	0.000	0.000
1/22/2016	0.000	1/22/2016	0.046	0.000	0.000	1/22/2016	0.000	0.000	0.000
1/23/2016	0.000	1/23/2016	0.051	0.000	0.000	1/23/2016	0.000	0.000	0.000
1/24/2016	0.000	1/24/2016	0.022	0.000	0.000	1/24/2016	0.000	0.000	0.000
1/25/2016	0.013	1/25/2016	0.025	0.013	0.000	1/25/2016	0.000	0.000	0.000
1/26/2016	0.007	1/26/2016	0.044	0.013	0.000	1/26/2016	0.000	0.000	0.000
1/27/2016	0.000	1/27/2016	0.059	0.000	0.000	1/27/2016	0.000	0.000	0.000
1/28/2016	0.022	1/28/2016	0.062	0.017	0.000	1/28/2016	0.000	0.000	0.000
1/29/2016	0.015	1/29/2016	0.001	0.021	0.000	1/29/2016	0.000	0.000	0.000
1/30/2016	0.005	1/30/2016	0.001	0.023	0.000	1/30/2016	0.000	0.000	0.000
1/31/2016	0.015	1/31/2016	0.001	0.039	0.000	1/31/2016	0.000	0.000	0.000

Table 3.2 Monthly Flow Totals
Avtex Site Lift Stations, Test Wells and Viscose Basin

February 2016									
Lift Stations Flow Report		Test Wells Flow Report			Viscose Basin Flow Report				
Date	Total LS Flow (MGD)	Date	TW1 Flow (MGD)	TW2 Flow (MGD)	TW3 Flow (MGD)	Date	VB9 Flow (MGD)	VB10 Flow (MGD)	VB 11 Flow (MGD)
2/1/2016	0.036	2/1/2016	0.003	0.042	0.000	2/1/2016	0.000	0.000	0.000
2/2/2016	0.031	2/2/2016	0.003	0.016	0.000	2/2/2016	0.000	0.000	0.000
2/3/2016	0.039	2/3/2016	0.001	0.000	0.000	2/3/2016	0.000	0.000	0.000
2/4/2016	0.032	2/4/2016	0.001	0.000	0.000	2/4/2016	0.000	0.000	0.000
2/5/2016	0.006	2/5/2016	0.001	0.032	0.016	2/5/2016	0.000	0.000	0.000
2/6/2016	0.012	2/6/2016	0.001	0.039	0.020	2/6/2016	0.000	0.000	0.000
2/7/2016	0.013	2/7/2016	0.000	0.042	0.018	2/7/2016	0.000	0.000	0.000
2/8/2016	0.002	2/8/2016	0.000	0.028	0.000	2/8/2016	0.000	0.000	0.000
2/9/2016	0.014	2/9/2016	0.000	0.017	0.000	2/9/2016	0.000	0.000	0.000
2/10/2016	0.009	2/10/2016	0.000	0.039	0.000	2/10/2016	0.000	0.000	0.000
2/11/2016	0.003	2/11/2016	0.000	0.042	0.031	2/11/2016	0.000	0.000	0.000
2/12/2016	0.000	2/12/2016	0.000	0.042	0.039	2/12/2016	0.000	0.000	0.000
2/13/2016	0.000	2/13/2016	0.000	0.041	0.043	2/13/2016	0.000	0.000	0.000
2/14/2016	0.000	2/14/2016	0.000	0.033	0.016	2/14/2016	0.000	0.000	0.000
2/15/2016	0.010	2/15/2016	0.000	0.027	0.027	2/15/2016	0.000	0.000	0.000
2/16/2016	0.030	2/16/2016	0.000	0.038	0.030	2/16/2016	0.000	0.000	0.000
2/17/2016	0.032	2/17/2016	0.000	0.042	0.022	2/17/2016	0.000	0.001	0.000
2/18/2016	0.008	2/18/2016	0.000	0.016	0.007	2/18/2016	0.000	0.001	0.000
2/19/2016	0.013	2/19/2016	0.000	0.038	0.024	2/19/2016	0.000	0.000	0.000
2/20/2016	0.008	2/20/2016	0.000	0.042	0.024	2/20/2016	0.000	0.000	0.000
2/21/2016	0.005	2/21/2016	0.000	0.041	0.030	2/21/2016	0.000	0.001	0.000
2/22/2016	0.009	2/22/2016	0.000	0.041	0.034	2/22/2016	0.000	0.001	0.000
2/23/2016	0.017	2/23/2016	0.000	0.016	0.008	2/23/2016	0.000	0.000	0.000
2/24/2016	0.021	2/24/2016	0.000	0.038	0.000	2/24/2016	0.000	0.000	0.000
2/25/2016	0.024	2/25/2016	0.000	0.041	0.000	2/25/2016	0.000	0.000	0.000
2/26/2016	0.002	2/26/2016	0.000	0.041	0.021	2/26/2016	0.000	0.000	0.000
2/27/2016	0.009	2/27/2016	0.000	0.041	0.025	2/27/2016	0.000	0.000	0.000
2/28/2016	0.005	2/28/2016	0.000	0.039	0.017	2/28/2016	0.000	0.000	0.000
2/29/2016	0.013	2/29/2016	0.000	0.040	0.018	2/29/2016	0.000	0.001	0.000

Table 3.2 Monthly Flow Totals
Avtex Site Lift Stations, Test Wells and Viscose Basin

March 2016									
Lift Stations Flow Report		Test Wells Flow Report			Viscose Basin Flow Report				
Date	Total LS Flow (MGD)	Date	TW1 Flow (MGD)	TW2 Flow (MGD)	TW3 Flow (MGD)	Date	VB9 Flow (MGD)	VB10 Flow (MGD)	VB 11 Flow (MGD)
3/1/2016	0.004	3/1/2016	0.000	0.040	0.021	3/1/2016	0.000	0.001	0.000
3/2/2016	0.000	3/2/2016	0.000	0.040	0.025	3/2/2016	0.000	0.001	0.000
3/3/2016	0.005	3/3/2016	0.000	0.022	0.017	3/3/2016	0.000	0.000	0.000
3/4/2016	0.013	3/4/2016	0.000	0.036	0.020	3/4/2016	0.000	0.000	0.000
3/5/2016	0.007	3/5/2016	0.000	0.040	0.008	3/5/2016	0.000	0.000	0.000
3/6/2016	0.002	3/6/2016	0.000	0.039	0.015	3/6/2016	0.000	0.001	0.000
3/7/2016	0.010	3/7/2016	0.000	0.039	0.022	3/7/2016	0.000	0.001	0.000
3/8/2016	0.002	3/8/2016	0.000	0.039	0.022	3/8/2016	0.000	0.001	0.000
3/9/2016	0.002	3/9/2016	0.000	0.039	0.019	3/9/2016	0.000	0.001	0.001
3/10/2016	0.011	3/10/2016	0.000	0.038	0.019	3/10/2016	0.000	0.003	0.001
3/11/2016	0.002	3/11/2016	0.000	0.038	0.022	3/11/2016	0.000	0.012	0.026
3/12/2016	0.002	3/12/2016	0.000	0.038	0.010	3/12/2016	0.000	0.009	0.005
3/13/2016	0.005	3/13/2016	0.000	0.038	0.021	3/13/2016	0.000	0.010	0.000
3/14/2016	0.020	3/14/2016	0.000	0.036	0.025	3/14/2016	0.000	0.020	0.000
3/15/2016	0.002	3/15/2016	0.000	0.037	0.019	3/15/2016	0.000	0.028	0.000
3/16/2016	0.002	3/16/2016	0.000	0.037	0.023	3/16/2016	0.000	0.010	0.001
3/17/2016	0.011	3/17/2016	0.000	0.037	0.015	3/17/2016	0.000	0.002	0.000
3/18/2016	0.002	3/18/2016	0.000	0.034	0.000	3/18/2016	0.000	0.001	0.001
3/19/2016	0.000	3/19/2016	0.000	0.037	0.000	3/19/2016	0.000	0.001	0.004
3/20/2016	0.025	3/20/2016	0.000	0.037	0.011	3/20/2016	0.000	0.000	0.000
3/21/2016	0.001	3/21/2016	0.000	0.037	0.039	3/21/2016	0.000	0.000	0.000
3/22/2016	0.003	3/22/2016	0.000	0.037	0.043	3/22/2016	0.000	0.001	0.000
3/23/2016	0.009	3/23/2016	0.036	0.037	0.023	3/23/2016	0.000	0.001	0.000
3/24/2016	0.003	3/24/2016	0.042	0.036	0.000	3/24/2016	0.000	0.002	0.001
3/25/2016	0.003	3/25/2016	0.059	0.002	0.000	3/25/2016	0.000	0.007	0.017
3/26/2016	0.008	3/26/2016	0.065	0.000	0.000	3/26/2016	0.000	0.007	0.030
3/27/2016	0.002	3/27/2016	0.040	0.000	0.000	3/27/2016	0.000	0.002	0.021
3/28/2016	0.009	3/28/2016	0.046	0.000	0.000	3/28/2016	0.000	0.001	0.007
3/29/2016	0.002	3/29/2016	0.046	0.020	0.000	3/29/2016	0.000	0.002	0.025
3/30/2016	0.008	3/30/2016	0.0517131	0.023	0.000	3/30/2016	0.000	0.001	0.003
3/31/2016	0.004	3/31/2016	0.0466936	0.026	0.000	3/31/2016	0.000	0.001	0.000

Attachment 4

*Preliminary Site-Wide Quarterly
Inspection*

Quarterly Inspection Report

Inspected by: M. Robinson / H. Lipomi
 Report No.: 2016-03

Date: 03-08-2016
 Areas Inspected: See Map

Questions	Response	Comments and Recommendations
1. Remediation/Restoration Areas		
Is settlement or standing water evident? If Yes, describe the degree of settlement(s) (slight, moderate, significant), record approximate dimensions, and indicate the location(s) on an attached map.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Some slite to moderate areas of standing water (similar to past inspections). See map for locations
Is erosion evident? If Yes, describe the type of erosion (rills, gullies), record approximate dimensions (length, width, depth) and indicate location(s) on an attached map.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Minor erosion noted in a few small areas (see map for locations and details)
Are potential leachate seeps evident or migration of contamination? If Yes, describe the nature (size, color, flow rate), record location on an attached map, and photograph. [Note: Check former seep areas in unnamed tributary north of VB 4-6, check pond area north of VB 9, and check other likely areas (e.g., embankments of VBs, SBs)]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See map for locations. Standing water noted in several areas. Potential seeps identified in the following locations: -South of LS2 -SE of VB-2&3 -NW of VB-7&8 (flowing ~0.25 L/min)
Do landfill/basin embankments show signs of erosion, failure (e.g., cracking, sloughing) or migration of contamination (e.g., seeps, exposed waste)? If Yes, describe the nature (type, size), record location on an attached map, and photograph [Note: Check river-side of embankments along river, if safe to do so.]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is vegetation distressed or are bare areas evident? If Yes, describe the type of disorder (distressed, sparsely vegetated, bare), record approximate dimensions and indicate location(s) on an attached map.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Isolated/minor bare areas noted. See map for locations

Quarterly Inspection Report

Inspected by: M. Robinson / H. Lipomi
 Report No.: 2016-03

Date: 03-08-2016
 Areas Inspected: See Map

Questions	Response	Comments and Recommendations	
Is there woody vegetation greater than 2 inches in diameter or 5 feet in height on the cover system(s)? If Yes, describe where and actions to be taken (refer to Section 4.2 of the O&M Plan).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	A few small trees noted. See map for locations	
Is any other damage evident? If Yes, describe the type of damage(s) and indicate the location(s) on an attached map.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Are obstruction(s) (brush, debris, timber, leaves, sediment) interfering with the proper functioning of ditches, gutters or flumes? If Yes, describe the type(s) of obstruction(s) and indicate the location(s) on an attached map.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Is sediment deposited in diversion berms, ditches gutters, flumes or culverts deeper than $\frac{1}{4}$ of the original channel depth (shown on the contract drawings) or culvert diameter? If Yes, record approximate dimensions and indicate locations on an attached map.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

Quarterly Inspection Report

Inspected by: M. Robinson / H. Lipomi
 Report No.: 2016-03

Date: 03-08-2016
 Areas Inspected: See Map

Questions	Response	Comments and Recommendations	
2. Surface Water Drainage and Erosion Control System			
Is erosion evident? If Yes, describe the drainage structure inspected (ditch, gutter, flume, culvert, outfall, rip-rap), the type of erosion (rills, gullies, washouts, slope failure), record approximate dimensions (length, width, depth) and indicate location(s) on an attached map.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Minor erosion noted in a few isolated areas. See map for locations.
Is overall shape, configuration, and alignment of the drainageway as shown on the drawings? If No, describe the type of distortion (damaged, eroded, slope failure), record approximate dimensions and indicate location(s) on an attached map.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Is erosion evident at drainage outlet aprons? If Yes, record approximate dimensions and indicate location(s) on an attached map.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	

Inspection Checklist (check items that were inspected; document concerns noted;
refer to attached Drawings for specific areas)

Viscos Basins 1-3

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Gas Vents
<input checked="" type="checkbox"/> Culvert Inlets & outlets	<input checked="" type="checkbox"/> Rip-rap channels	<input checked="" type="checkbox"/> Access road near unit	<input type="checkbox"/>

Viscos Basins 4-6

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Gas Vents
<input checked="" type="checkbox"/> Culvert Inlets & outlets - N, E, & W of VB 4-6; - Pond W of VB 4-6	<input checked="" type="checkbox"/> Rip-rap channels	<input checked="" type="checkbox"/> Down chutes	<input checked="" type="checkbox"/> Gas Vent Filter & Fence
<input checked="" type="checkbox"/> Former seep area - N of VB 4-6	<input checked="" type="checkbox"/> LS #1 & #2 and Fencing	<input checked="" type="checkbox"/> Access road near unit	<input type="checkbox"/>

Viscos Basins 7-8

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Gas Vents
<input checked="" type="checkbox"/> Culvert Inlets & outlets (between VB-1 and VB-7)	<input checked="" type="checkbox"/> Rip-rap channels	<input checked="" type="checkbox"/> Down chutes	<input checked="" type="checkbox"/> Leachate Collection Manhole (MW VB7)
<input checked="" type="checkbox"/> Access road near unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Viscos Basins 9-11

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Gas Vents
<input checked="" type="checkbox"/> Drop inlets on VB-11	<input checked="" type="checkbox"/> Culver inlets & outlets (S&W VB-11; N VB-11 & VB-9; and SW VB-10)	<input checked="" type="checkbox"/> Rip-rap channels	<input checked="" type="checkbox"/> Down chutes
<input checked="" type="checkbox"/> Access road near unit	<input checked="" type="checkbox"/> Seep area in pond north of VB-9	<input checked="" type="checkbox"/> VB 9-11 fence and gates	<input checked="" type="checkbox"/> LS #4 and Fencing

New Landfill

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Gas Vents
<input checked="" type="checkbox"/> Culvert inlets & outlets (NE & SE of NLF)	<input checked="" type="checkbox"/> Rip-rap channels	<input checked="" type="checkbox"/> Down chutes	<input checked="" type="checkbox"/> LS #3 and Fencing
<input checked="" type="checkbox"/> Access road near unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SB-1

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Gas Vents
<input checked="" type="checkbox"/> Culvert inlets & outlets (NE SB-1; SB-2; SE SB-3; NE SB-4; & S SB-4)	<input checked="" type="checkbox"/> Rip-rap channels & outlets by River	<input checked="" type="checkbox"/> Down chutes (SB-1 & SB-4)	<input type="checkbox"/>
<input checked="" type="checkbox"/> Access road near unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Inspection Checklist (check items that were inspected; document concerns noted;
refer to attached Drawings for specific areas)

SB-2

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Culvert inlets & Outlets (S & W Sides)
<input checked="" type="checkbox"/> Berms along River (site & river side)	<input checked="" type="checkbox"/> Rip-rap channels & outlets by River	<input checked="" type="checkbox"/> Access road near unit	<input type="checkbox"/>

SB-3

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Gas Vents
<input checked="" type="checkbox"/> Culvert inlets & Outlets (SE))	<input checked="" type="checkbox"/> Rip-rap channels & outlets by River	<input checked="" type="checkbox"/> Drop inlets (W side)	<input checked="" type="checkbox"/> Access Road near unit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SB-4

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Gas Vents
<input checked="" type="checkbox"/> Culvert inlets & outlets (NE & S sides)	<input checked="" type="checkbox"/> Down chutes (S Side)	<input checked="" type="checkbox"/> Drop inlet (N side)	<input checked="" type="checkbox"/> Berms along River (site & river side)
<input checked="" type="checkbox"/> Access road near unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SB-5

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Gas Vents
<input checked="" type="checkbox"/> Berms along River and E side	<input checked="" type="checkbox"/> Access Road near unit	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FAB 1-3

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Culvert inlets & outlets (E & S FAB1-2; SW FAB3)
<input checked="" type="checkbox"/> Access Road near unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FAS & FARA

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Culvert inlets & outlets (E & N FAS; E FARA)
<input checked="" type="checkbox"/> Access Road near unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

EL, PB 1-2, PB-3

<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> Erosion	<input checked="" type="checkbox"/> Settlement	<input checked="" type="checkbox"/> Rip-rap Channels
<input checked="" type="checkbox"/> Culvert inlets & outlets (E & W EL; NW PB-1-2; S PB-3)	<input checked="" type="checkbox"/> Access Road near unit	<input type="checkbox"/>	<input type="checkbox"/>

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 1

Unit: OU-10

Basin/Landfill: VB-4, 5, & 6

Date : 03/08/2016

Photo Description: Drainage ditch near former seep north of LS-2.



Photo Number: 2

Unit: OU-10

Basin/Landfill: VB-4, 5, & 6

Date : 03/08/2016

Photo Description: Standing water adjacent to LS-2 (east).

**Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia**



Photo Number: 3

Unit: OU-10

Basin/Landfill: VB-4, 5, & 6

Date : 03/08/2016

Photo Description: Standing water adjacent to LS-2 (west).



Photo Number: 4

Unit: OU-10

Basin/Landfill: VB-4, 5, & 6

Date : 03/08/2016

Photo Description: Small tree nearing 5' tall at bottom of chute in northwest corner.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 5

Unit: OU-10

Basin/Landfill: Sedimentation Basin 1

Date : 03/08/2016

Photo Description: Minor erosion at edge of road located in the northeast corner of VB-1.



Photo Number: 6

Unit: OU-10

Basin/Landfill: Sedimentation Basin 1

Date : 03/08/2016

Photo Description: Small trees at basin edge.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 7

Unit: OU-10

Basin/Landfill: VB-1

Date : 03/08/2016

Photo Description: Minor erosion at edge of road located in the northeast corner of VB-1.



Photo Number: 8

Unit: OU-10

Basin/Landfill: VB-11

Date : 12/7/2015

Photo Description: Small tree at headwall leading to the EL.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 9

Unit: OU-10

Basin/Landfill: VB-1 / VB-7&8

Date : 03/08/2016

Photo Description: Small tree at headwall for drainage channel between VB-1 and VB-7&8.



Photo Number: 10

Unit: OU-10

Basin/Landfill: VB-2&3

Date : 03/08/2016

Photo Description: Large area of standing water southeast of VB2&3.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 11

Unit: OU-7

Basin/Landfill: VB-7&8

Date : 03/08/2016

Photo Description: Seep at northwest corner of VB-7&8.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 12

Unit: OU-10

Basin/Landfill: VB-2&3

Date : 03/08/2016

Photo Description: Bare soil (~10' x30') with rills southeast of VB-2&3.



Photo Number: 13

Unit: OU-10

Basin/Landfill: NLF

Date : 03/08/2016

Photo Description: Bare soil (~10'x20') in the southeast corner of the basin located southeast of the NLF; continues to fill in with vegetation.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 14

Unit: OU-10

Basin/Landfill: NLF

Date : 03/08/2016

Photo Description: Small tree located in drainage channel southeast of the NLF.



Photo Number: 15

Unit: OU-7

Basin/Landfill: VB-11

Date : 03/08/2016

Photo Description: Small trees located along sedimentation basin east of VB-11 (near gate).

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 16

Unit: OU-7

Basin/Landfill: VB-10

Date : 03/08/2016

Photo Description: Minor erosion across roadway south of treatment plant (appears to have stabilized).



Photo Number: 17

Unit: OU-7

Basin/Landfill: VB-10

Date : 03/08/2016

Photo Description: Standing water south of treatment plant (north of FAB-3).

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 18

Unit: OU-7

Basin/Landfill: VB-10

Date : 03/08/2016

Photo Description: Bare patches and exposed matting at down chute in southeast corner of VB-10.



Photo Number: 19

Unit: OU-7

Basin/Landfill: VB-10

Date : 03/08/2016

Photo Description: Bare patches and exposed matting at down chute in southwest corner of VB-10.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 20

Unit: OU-7

Basin/Landfill: VB-10

Date : 03/08/2016

Photo Description: Bare soil (~20'x30') at the southwest corner of VB-10.



Photo Number: 21

Unit: OU-7

Basin/Landfill: FAB-3

Date : 03/08/2016

Photo Description: Small tree approaching 5 feet tall at headwall south of VB-10.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 22

Unit: NTRCA Basins

Basin/Landfill: SB-1

Date : 03/08/2016

Photo Description: Standing water along east side of access road west of SB-1. Appears to be related to wheel tracks from mowing/maintenance activities.



Photo Number: 23

Unit: NTCRA Basins

Basin/Landfill: SB-1

Date : 03/08/2016

Photo Description: Standing water along east side of access road west of SB-1. Appears to be related to wheel tracks from mowing/maintenance activities.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 24

Unit: Fly Ash Basins

Basin/Landfill: FAB-6

Date : 03/08/2016

Photo Description: Small tree/bush at headwall northeast of FAB-6.



Photo Number: 25

Unit: Fly Ash Basins

Basin/Landfill: FAB-6

Date : 03/08/2016

Photo Description: Small trees at inlet south of FAB-6.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia



Photo Number: 26

Unit: *Fly Ash Basins*

Basin/Landfill: FAB-6

Date : 03/08/2016

Photo Description: Small trees in channel near inlet west of FAB-6.



